

Council suspends Hal Eppel for missing three meetings

Inability to explain poor attendance results in commerce rep's suspension

Students' council Monday suspended commerce rep Hal Eppel for missing three consecutive council meetings.

After arriving an hour and a half late for Monday's meeting, he was unable to explain to council's satisfaction his slovenly attendance record.

He admitted two of his absences were for skiing trips, and before the other he "looked at the agenda and it didn't seem too promising so I didn't bother."

He agreed that, of the meetings he had attended, he had only stayed for about an hour each time because he also had fraternity meetings on Mondays.

NO PROGRESS

Eppel had been the head of a council committee to investigate housing in Garneau but because of a "conflict of interest" he had made no progress with the committee. His achievements on his appointed position to the parking committee were no more impressive as he had missed one of the two meetings held this year.

Eppel said he would not resign if he were given the opportunity because "I don't feel I have done anything wrong."

This is the first time a councillor has been suspended.

Council increased the deficit for Varsity Guest Weekend by \$444 on the recommendation of the finance board.

The increase includes:

- deletion of revenue and expenses for the Queen Ball held during VGW last year, but to be held later this year
- increased expenditure for the VGW Committee's newspaper from \$400 to \$588
- expenses for a coffee house
- a \$228 expenditure for the rental of ETS buses to tour the campus Feb. 17

MONEY, MONEY, MONEY

Council voted unanimously to give the Planning Commission \$22,000 for additions to SUB. The money is to come from the donated reserve and the building reserve which have been set up with the profits from the old SUB.

Chairman of the students' union Planning Commission Ed Monsma told council "clearly the meditation room is not working as planned.

"We also have to lower the temperature in the curling area of SUB or face a reduction in services provided by the area.

"Improvements in the meditation room will include additional carpets at \$2,000, painting of the ceiling at \$150 and a stained glass window at \$6,000, for a total of \$8,150. But \$4,000 of this has been budgeted previously."

To cool the curling area a second compressor and other essential components at a cost of \$18,000, will be restored, where they had originally been omitted as a cost-cutting measure.

Students' union president Al Anderson said "if the proper conditions are not restored we would lose a great amount of revenue through loss of curling leagues."

MORE, MONEY

Council gave the Bridge Club \$300 to cover train fare and expenses to send four members of the club to Eugene, Ore., for an international bridge tournament sponsored by the Association of College Unions.

Last week council rejected the proposal. But this week after a presentation in which more facts were explained by club president Rich Hewko council gave approval almost unanimously.

Students' council passed by a vote of 15 in favor, one abstain; none opposed for a new fee schedule.

All full-time undergraduate students will pay \$27.50. Students in Medicine, Dentistry, Law and Diploma or B.Ed. after a previous degree will pay \$20. Full-time graduate students will pay \$15, as will U of A Hospital nurses. All part-time students will pay \$5.

This is the first reading of the motion; it will require two more.

An amendment to delete the clause about graduate students was defeated.

A referendum was held in December for a similar proposal which proved unfeasible for technical reasons. The referendum passed easily.



—Frank Kozar photo

GROWING GREENHOUSE GRASS—Two employees at the agriculture department look after some of their exotic plants with loving care. Apparently some of the flora are vicious and must be handled with gloves. No cases of rabies stemming from mad flowerbites have been reported this year.

UBC clamps down on frats

VANCOUVER (CUP)—The University of British Columbia students' union has shut down a fraternity run Mardi Gras program.

Students' union president Shaun Sullivan urged all students to boycott the program, whose theme is Dixieland, because it exhibits "racial prejudices."

Slavery and racial violence had been emphasized in the promotion of the program, an annual charity ball.

Last week, skits featured fraternity members dressed in the white robes and hoods of the Ku Klux Klan lynching a face-blackened student.

Other skits showed negroes being beaten by Ku Klux Klan members and whites being beaten by negroes.

Protests had been received from the student non-violent co-ordinating committee, the British Columbia Association for the Advancement of Colored People, the students' council and several negro students.

Students' council agrees to GSA's request for a degree of autonomy

Students' council Monday passed a motion to support the idea of some degree of autonomy for the Graduate Students Association should they wish to join the students' union.

The motion precedes a referendum being held by the GSA to determine whether or not they wish to join the students' union.

GSA president Peter Boothroyd said "It's a common law on this campus that GSA is equal to the students' union."

"Anything you are represented on we are also, and if we aren't, we can get representation."

The administration wants to keep this equality.

Boothroyd asked council "for a guarantee that if they join, anytime a question of

representation came up in the future, council would insist that the grad students have separate representation.

Students' union president Al Anderson said, "The motion, through its various clauses, guarantees the GSA their status quo, but it would be ultra vires for council to try to guarantee GSA representation in the future."

Co-ordinator Glenn Sinclair proposed an amendment to the motion to use the word "insists" instead of "support" in hopes of greater appeal to GSA."

Council defeated the motion with a vote from the chair.

Boothroyd felt the motion with the word "insist" would have probably been more acceptable to the GSA and ensured a more favorable vote in the referendum.

Tuition fees may still be raised next year.

U of A is waiting for the provincial government to announce the operating costs grant to the university. It is still possible the grant will be at least \$1.7 million less than the estimated needs of the university for next year.

Brian McDonald, assistant to the president and seconded to the Universities Commission, said, Sunday, the operating costs per student this year is \$2,700. Next year this cost is estimated at \$2,800 to \$2,900 per student. This increase is owing to new salary schedules for faculty and maintenance staff.

Mr. MacDonald said operating costs at U of A are \$100 higher than at the U of C and \$1,100 higher than at U of S. This, he said, is owing to several factors:

- a higher percentage of graduate students
- more professors per student than at U of S and UBC
- higher staff salaries (professors get \$500 travel grants)
- the affluence of the province. Ontario universities have about the same operating costs.
- more square feet of buildings per student than at U of S

Mr. McDonald said the Universities Commission would not be surprised if the Board of Governors recommended a raise in tuition fees.

"It would have to be recommended for approval to the Com-

mission," he said, "but I think the Commission would go along with any reasonable change."

He said he hoped the university would not cut enrolment in an effort to cut services.

"I don't see how they can get more this way. The grant is a per capita amount. Right now we are thinking of between \$2,400 and \$2,450 per student. I am convinced the university can offer the same services to a greater number of students."

Students' union president Al Anderson said if the tuition fees are raised the students' union will present a brief to the provincial government.

"The students' union," said Anderson, "takes the attitude the university budget is quite legitimate. To operate a university of high quality the Board of Governors must have a given amount of money, even if this amount proves to be higher than that of universities in surrounding provinces."

"A cut in the budget," he said, "would impair the quality of education offered at U of A."

Open heart surgery

C-4 and C-5

short shorts**Western international debate finals to be held Saturday**

Final debate in Western International Debating Tournament will be held Saturday, 2:30 p.m. in SUB theatre. Topic is "Resolved that students have the right and responsibility to be radical and militant." Participants include students from McGill, Osgoode Hall law school, U of Idaho and U of Colorado. All welcome to come and heckle.

TODAY**MUSIC DEPARTMENT**

Piano recital today 9 p.m., Con Hall, by Lorraine Ambrose playing Mozart, Schubert, Dubussy, Ravel, Milhaud, and Strauss. No charge for admission.

CERCLE FRANCAIS

Le Cercle Francais invites you to a skating party followed by a "fondue" today, 7 p.m. at 1112-87 Ave.

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MIXED CHORUS

Mixed Chorus presents its 24th annual concert in SUB theatre, 8:30 p.m., today and Saturday. Tickets \$1.50 from members, or in SUB, arts, ed and Tory bldg.

STUDENT CINEMA

Today's film is "Never Too Late", 7 p.m. in TL-11. "The Importance of Being Ernest" will be shown Wednesday in TL-11. Consult English dept. for time. Advance tickets for "Who's Afraid of Virginia Woolf?" on sale at main desk of SUB, Monday.

ROOM AT THE TOP

Room at the Top continues today with Warren Groland Trio back by popular demand. Open 9 p.m. to 1 a.m., food and beverages served. Admission 25 cents.

MUSIC DEPARTMENT

A memorial tribute will be held for Professor R. E. Eaton today, 7:30 p.m. in All Saints' Cathedral. The University Singers, The Mixed Chorus, The

Department of Music Choir, The Da Camera Singers, and the Cathedral Choir will sing, accompanied by the University Chamber Orchestra. Public welcome.

**THE WEEKEND
DANCE CLUB**

The club winds up its year with the Winter Waltz semi-formal banquet and dance, Saturday, 6:30, p.m. at Chateau Lacombe. The Bel Cantos will play. Tickets on sale Monday to Friday and Jan. 29-Feb. 2, 12 noon-2 p.m., SUB rotunda. Prices: \$3 a couple for members, non-members \$5.

COMMERCE

Faculty-student hockey 8 p.m., Saturday, varsity arena.

CONCERTO CONCERT

There will be a concerto concert by student soloists and conductors and the University Chamber Orchestra Sunday, 8:30 p.m. in Con Hall. No admission charge.

PHARMACY CLUB

Pharmacy Club will host 90 students from faculties of pharmacy at U of S and U of M at a sports weekend Friday through Sunday. All interested members asked to attend and support MAS (Mayhem All Saturday) Weekend. Contact club executive for further information.

NEWMAN CLUB

There will be a Sleigh Romp Sunday, 7:30 p.m. at St. Joe's.

**MONDAY
GRAD STUDENTS' WIVES**

The Graduate Students' Wives Club has been invited to attend the dress rehearsal of "Waiting for Godot", Monday, 7 p.m. at Studio Theatre. No admission charge.

CAMPUS CONSERVATIVES

A general meeting of the Campus Conservatives will take place Monday at 4 p.m. in SUB.

CAMPUS LIBERALS

There will be a Liberal Model Parliament policy and organization meeting Monday, 7 p.m. in 280 SUB.

SUB AQUATIC CLUB

Practical and theory classes in skin and scuba diving every Monday 8:30 p.m. in rm. 124, phys ed bldg. Everyone welcome. For information phone Glen Warren at 434-1119.

CONCERT

There will be a noon hour workshop concert by Bachelor of Music students Monday, noon. No admission charge, bring your lunch.

EESSC

East European and Soviet Studies Committee of the arts dept. is sponsoring a talk by Dr. Jurij Borys, associate professor of poli sci at Calgary, on "Pluralistic Tendencies in the Communist System". Monday, 8 p.m. in 10th floor conference room, Tory.

TUESDAY**CHARTER FLIGHT**

Europe Nite '68 will be held Tuesday, 8 p.m. in SUB theatre. Slides, film, tours, points of interest, charter flights, questions and answers. Sponsored by students' union Charter Flight.

NEWMAN CLUB

Practice for Newman Singers Tuesday, 6:30 p.m. at St. Joe's.

OTHERS**SLAVONICS DEPARTMENT**

Dr. J. St. Clair-Sobell, FRSC, professor of comparative philosophy in the department of Slavonic studies at UBC will deliver a public lecture on general linguistics, Thursday, 7:30 p.m. in arts 120.

CAMPUS RALLYISTS

Campus Auto Rallyists sponsor VGW 100 Car Rally to be held Feb. 17 in old SUB parking lot. Rally school Feb. 13, 7:30 p.m. For further information phone 599-7047.

SCHOLARSHIPS

Applications open for Belgian Gov't Fellowships, for overseas study by students of physical sciences, social sciences, engineering, medical sciences and economics; and for Canada Emergency Measures Organization Research Fellowships for study of sociological effects of major disasters, at the Disaster Research Centre, Columbus, Ohio. For further information contact Director of Awards, AUCC, 151 Slater St., Ottawa 4, Ontario.

Official notices**SCHOLARSHIPS EXCHANGE**

Applications for the scholarship exchange program which provides an opportunity to study next year at either Acadia University, Wolfville, Nova Scotia, or Bishop's University, Lennoxville, Quebec. Tuition fees are waived at the exchange university. Application forms are available from the students' union receptionist, second floor, SUB, and should be returned to students' union vice-president Judy Lees by Feb. 15, 5 p.m. For further information contact Lees.

HISTORIAN, VALEDICTORIAN

Applications are now being accepted for the position of historian and valedictorian for the 1967/68 graduating class. Deadline is Feb. 13. Please submit application to the secretary, second floor, SUB.

POSITIONS OPEN

Applications for the 1968-69 academic year are being received for:

- Gateway editor
- U of A Radio director
- Personnel Board

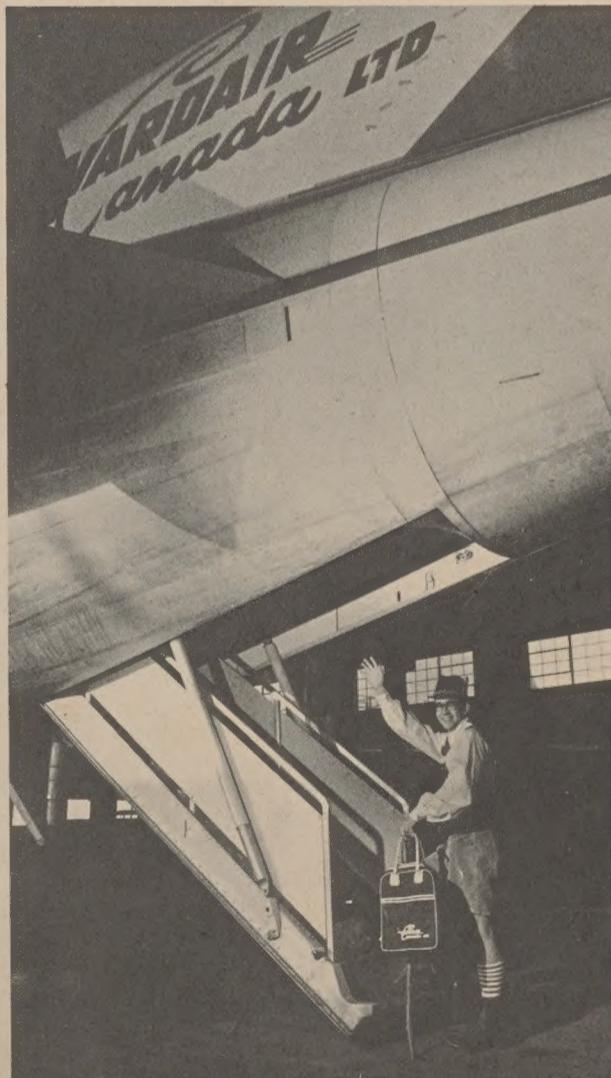
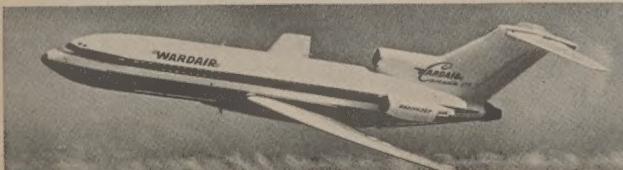
Apply to Valerie Blakely, chairman personnel board, students' union offices, second floor SUB by 5 p.m., Feb. 12.

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Uric acid and gout equal Adam's rib

Male superiority still unproven

By MIRIAM McCLELLAN

What is the secret of man's superiority? Uric acid, of course.

This amazing fact was revealed Tuesday as the University of North Dakota debating team argued against U of A debaters that men are inherently superior to women.

Uric acid, a brain stimulator, the North Dakota team claimed, is found in greater quantities in the male than the female, so that man has the higher intellect. Women are more suited for scrubbing floors and washing dishes. This brought many boos from the females in the audience of the SUB theatre lobby.

They continued to debate that an excess of uric acid causes gout, a disease found mainly in men. Famous men, known for their intellect, almost always have gout, they said.

Our own U of A team carried the negative. Again, they were two males. They argued that Adam's rib was used to create Eve because women were intended to work "side by side" with men. Just because Adam was created first, doesn't prove a thing, they said. God creates in alphabetical order.

Physiologically, they argued, woman is geometrically better shaped, more pleasing to the eye. (North Dakota later refuted this

because women have to be well-proportioned to be "pleasing to the eye".) U of A argued the myth of male superiority is perpetuated by the female to retain her femininity.

After all, woman has always been the one to inspire creativity, they said. She is the morale booster. The classic example of John Dixon was brought out. He didn't have a woman behind him. You probably have never heard of John Dixon, either.

Eve, on whom the downfall of man has often been blamed, was sexually dissatisfied by an inadequate Adam, the U of A team said. The only excitement she could get was making him eat the apple. (One debater from North Dakota pointed out that Eve would have been more interested in bananas if she had been frustrated.)

The U of A debaters concluded man has caused all the destruction in the world. Women should destroy all men, form a sperm bank and carry on the species. (Who would they then compete with?)

Harlan Fugleston and Charles LaGrave debated for the University of North Dakota. Conrad Boyce and Stan Fowler debated for U of A.

A tie was declared since most of the audience abstained from the voting.



—Theo Bruseker photo

IF HELEN OF TROY'S FACE—Her face isn't shown but the remaining part of her was revealed by the ingenuity of the medical students last week at the annual med show. At least two med students found release in her form.

Council to hear results of ARC student mental health study

The Academic Relations Committee hopes to present the results of a student mental health study to students' council Monday.

Dr. A. J. Hough, head of student counselling, has our notes and will do the final editing, said Jim Matkin, chairman of the committee.

When the notes are returned they will be duplicated and presented to council.

The idea of a mental health study arose at one of the committee's summer meetings.

"We considered the fact presented to us that a number of people were committing suicide," said

Matkin. "We wanted to verify the alleged suicides."

Committee members prepared some questions about student mental health and took them to Dr. Hough in December.

"We discussed the questions with Dr. Hough and at this time we took notes," said Matkin.

"Dr. Hough suggests one of the problems involves courses where professors give long reading lists more or less to scare the student," said Matkin.

"This has proved detrimental rather than advantageous."

Matkin said Dr. Hough is also

aware some department heads admit November exams are marked very low to scare the student.

"David Leadbeater edited these notes and has returned them to Dr. Hough for a final edit."

One of the ideas to come out of the study deals with the possibility of a student help number—much like a suicide number.

"Primarily people would phone a number like that when they don't want to go to counselling," said Matkin.

The idea came subsequent to the meeting with Dr. Hough; the committee has not yet discussed it with him.

But Matkin said he had heard of students who would be interested in such a plan.

Now it is a matter of presenting the notes before council.

"We expect the notes to be duplicated by next week," said Leadbeater.

"We hope something can be done at this council meeting (Monday night). However, the agenda looks pretty stiff so it may not be this particular meeting," he said.

National anti-Vietnam action planned Feb. 9

A Canada-wide Feb. 9 action against the war in Vietnam will be observed here.

"We don't have any real complicity on this campus as we aren't doing any research for the Americans," said Mary Borsky, ed 4, of the U of A Vietnam Action Committee.

"Therefore our action will be educative, while McGill for example, will probably have demonstrations."

The action here will be a two-part teach-in consisting of a debate and a film presentation-panel discussion, she said.

Students' union president Al Anderson and Peter Boothroyd, grad studies, will debate student activism Feb. 8, 12:30 p.m. in the SUB theatre lounge.

"The student as an individual, if he has an opinion on Vietnam, should definitely do everything he can to support this opinion; but I am opposed to the students' union taking a stand on the Vietnam war," said Anderson.

"The Threatening Sky", an anti-war film will be shown in TL-B1, 7:30 p.m., Feb. 9. A film supporting the war may also be shown.

There is to be no admission charge but a silver collection will be taken.

VISTA director praises CYC's democratic structure, aims

OTTAWA (CUP)—"The CYC is a swingin' outfit. Canada should be proud of it," said the director of VISTA, the American counterpart of the Company of Young Canadians.

Bill Crook, Director of Volunteers In Service To America, was in Ottawa for discussions with the CYC on common problems.

Crook said he admired the democracy of the CYC's structure, which he felt provided feedback from the field to the office.

VISTA has over 4,200 full-time volunteers working on problems similar to those tackled by the 180 CYC volunteers.

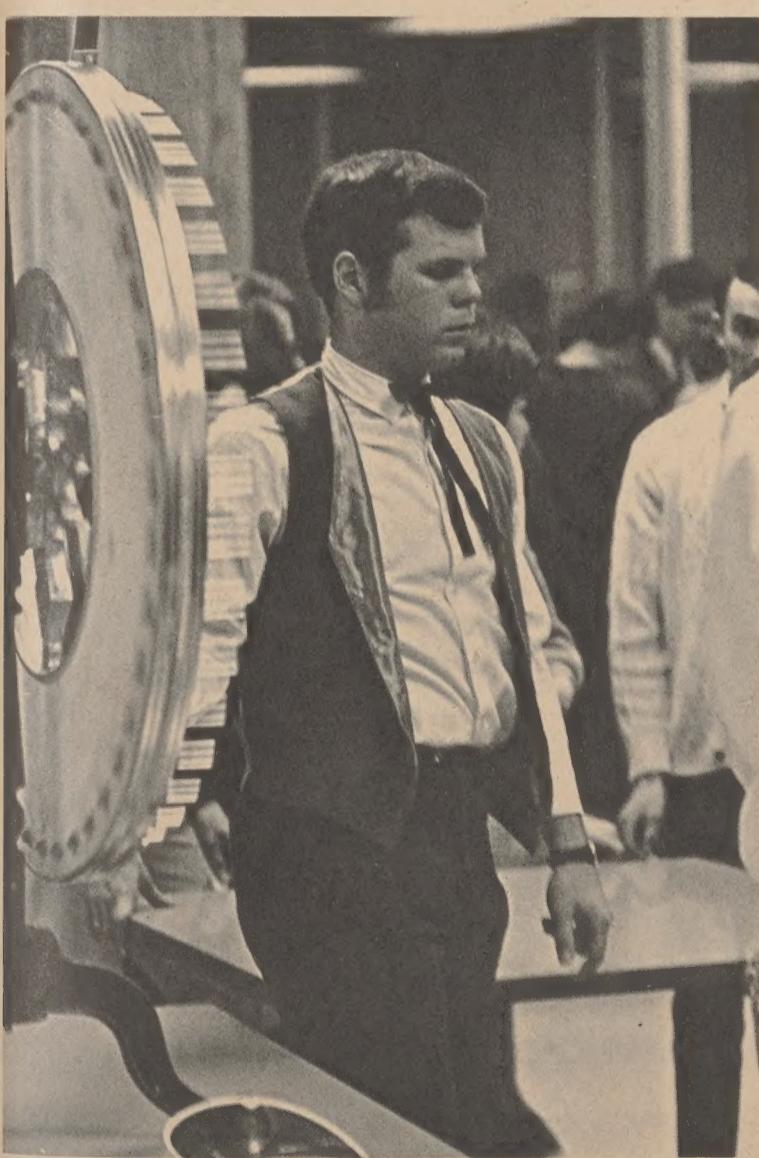
He said VISTA volunteers act as "brokers of social change," and in this role generate considerable controversy.

Mr. Crook said the legislation under which VISTA was created prohibits the volunteers from becoming involved in demonstrations, political campaigns, or union activities.

"Our main thrust is poverty," he said, explaining VISTA is a program under the War on Poverty campaign.

"The poor have no voice," he said, "and no vote in many cases. The volunteers must speak for the poor."

He said VISTA students are signed on for one-year terms, and about 35 per cent renew each year. They are eligible for the draft, but most boards give them deferments while they are working in the field.



—Hiroto Saka photo

NOW WHERE'S THE FOOT SWITCH?—At last Friday's Monte Carlo celebration, held in the SUB multi-purpose room, no one lost his shirt but someone must have raked in all the play money. It was sponsored by the Commerce Undergraduate Society.

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editor-in-chief

lorraine minich

managing editor—jim rennie

production manager doug bell

assistant news editor elaine verbicky

sports editor steve rybak

STAFF THIS ISSUE—A few of the faithful appeared to help put out the 38th paper of the year, we now have only 12 to go. Yeah! Those that came include Marilyn Astle, Marg Bolton, Pat Hidson, Marcia McCallum, Bob Schmidt, Jim Muller, Bernie Goedhart, Bill Kankevitt, Bob Anderson, Gerry Buccini, Pat Mulka, Glenn Cheriton, Judy Lamash, Dennis Fitzgerald, Alex Ingram, Miriam McClellan, Bev Bayer, Frank Kozar, Theo Bruseker, Ken Hutchinson, Hiroto Saka, John Doe, George Doe, Tom Sawyer, Huckleberry Hound, Yogi Finn, Super Sperm, and the ever faithful, house-situated, yours truly Harvey Thomgirt.

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PAGE FOUR

FRIDAY, FEBRUARY 2, 1968

there's no excuse

There seems to us to be little justification for an increase in rent rates in the Michener Park married student housing complex.

Late in July, 1965, the provincial cabinet gave approval in principle to construction of married student housing facilities—originally designed to provide low-cost housing at rates of \$85 per month for a two-bedroom apartment.

This fall, after construction delays and disagreements between the students, the university and the government, people moved into the almost-completed complex and began paying around \$110 for a two-bedroom apartment with secretive warnings from Derek Bone that the rates would probably have to go up.

Obviously, someone has forgotten why those residences were built—to provide reasonably-priced housing for married students, as close as possible to the university.

Mr. Bone told students' council Monday the increase is necessary to keep the building running on a break-even basis.

There are dozens of apartments blocks in the city charging similar or even lower rates, as was confirmed by some of the councillors. And the people who run these places aren't operating on a break-even basis; they're making a far from meagre profit on the buildings.

It might be, as Mr. Bone suggested, that there is more floor space in the Michener Park apartments, and the design of the whole thing is supposed to be more aesthetically pleasing than some of the cardboard-and-rubber cement inverted shoeboxes built by private developers.

But, one question arises: do the married students want niceties if it's going to cost them a small fortune? The married student with a dependent wife and two small children wants a place where he can live comfortably but inexpensively until he finishes school; he does not necessarily need carpeting on the stairways, janitorial services, or a \$130 view of South Edmonton.

It seems married student housing has run aground on the same problem Lister Hall students are facing in their current fight against a residence fee hike—they're being charged for extras they would rather do without.

An increase of \$21 in rates for Michener Park apartments will affect the decisions of many families to live in the complex next year. Something is wrong somewhere when a presumably low-cost housing development charges such exorbitant prices that it drives people away.

The married students should start demanding some answers.

By RICH VIVONE

The universities in the East, especially Quebec, are gunning for something called Student Power. In a recent issue of Star Weekly (January 13), students from McGill University and Sir George Williams University, both of Montreal, say they want 'to run the joint'. No matter what they have now, the story goes, the ultimate reality will be to have total control of the university.

The student leaders at these institutions make it quite clear that they want total control, over the bodies that decide university policy. That's what they want. That's also what they are not going to get or deserve to get.

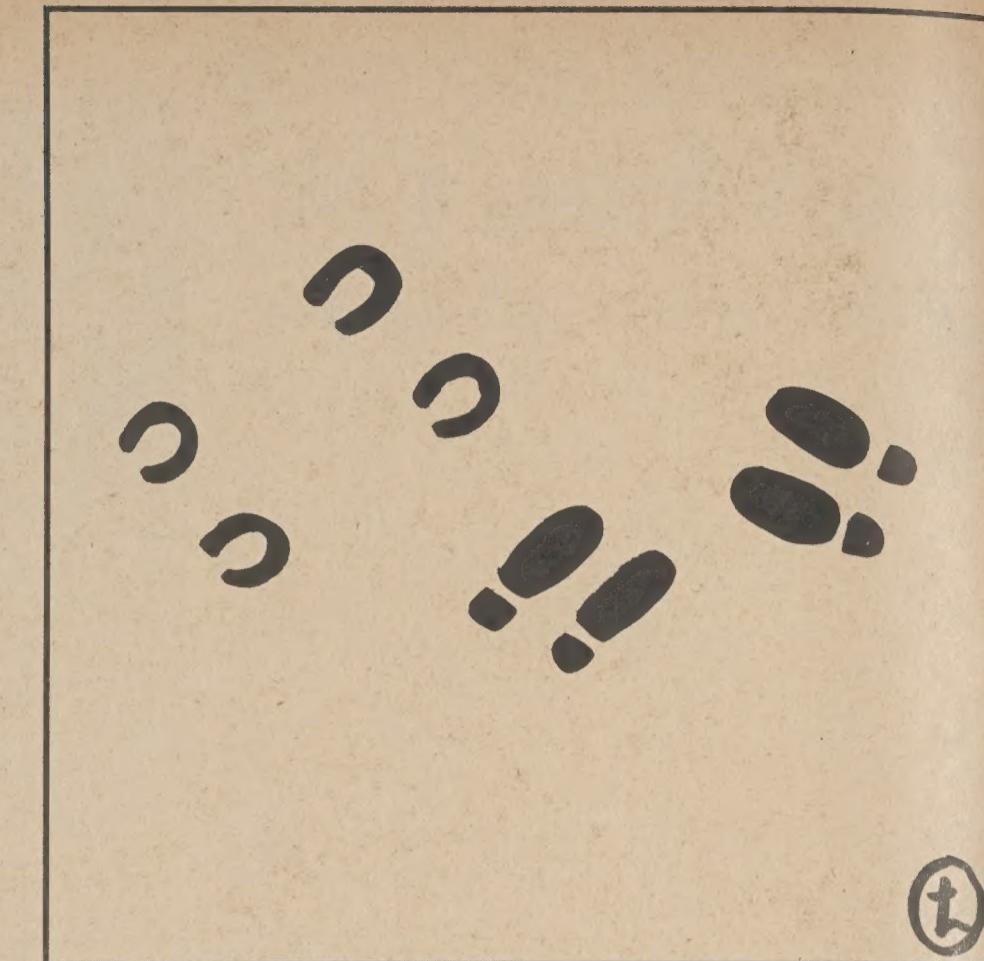
First, consider total control of the university. From this seat, it is apparent that students are not mature enough to run the university in any cap-

acity at all. They have not indicated interest in student affairs to merit total control. To wit: the CUS referendum last year. The turnout was disgraceful. It also indicates an 'I don't care' attitude, or maybe an 'I don't know' attitude.

More realistically, let's consider what has been accomplished at the University of Alberta regarding the second alternative—a voice in the policy making.

The people who make the decisions at this university are members of the General Faculty Council (GFC). This council is 'responsible for the academic affairs of the university' and its members include the university president, dean of each faculty, director of each school, the registrar, elected members and THREE students.

This latter selection is in its first year because never before have students sat on this council. The students have full



it may not solve the parking problem, but it sure starts easy in cold weather!

another angle

Nobody knows for sure if tuition fees are going up next year, but students' council executive is sure enough of the odds that they're currently working on what they hope will be the best brief they've ever written.

no way

There are bad students' council meetings, and there are unbelievable students' council meetings.

But, things have to be progressing beyond either of these categories when we get, as we did Monday night, the representative of the Faculty of Law saying, "Why don't we get rid of all this legal-sounding jargon so it will be easier to understand?"

So far, the fight appears to be against the provincial government for not making enough money available for university spending.

However, Brian McDonald's quotations of comparative operating costs per student at other universities opens up another avenue for dissent.

It probably sounds good for the university and the province to say "We spend more money on each student than you do; our young people are getting better and more personalized education."

But, if tuition is going to have to go up to continue the level of per-student spending, maybe we don't want such "personalized" service.

And maybe our fight is partially against the university for not cutting its proposed operating budget as much as it could have.

a little at a time

rights as members of the council. They can introduce issues, debate them and vote on them—exactly as any other member.

The three student members are Marilyn Pilkington, Al Anderson and Jan Vaneldik. Miss Pilkington was elected students' council vice-president in 1966-67. Students' council is a body of students elected by the students.

Mr. Anderson is the current students' council president. He too was elected by the students. Mr. Vaneldik was Graduate Student Association president last year.

They achieved GFC status this way. Each applied to students' council for the position. As usual, each was interviewed by the personnel board which is composed of students and, again, interviewed by students' council.

Any student on campus can apply for these positions. All you need is the

necessary brains to know there are such jobs waiting for the student who cares how the place is run. At the University of Alberta, these people are in the definite minority and, in cases, may be counted on one hand.

Thus far, these three people have convinced GFC to set up an Academic Grievance Committee, to sanction course evaluation guides and, currently, are presenting to the GFC the arguments against raising tuition fees.

Some may say this isn't too much.

Maybe not. But it's something we've never had before. Now we must show sufficient maturity and initiative to show that we can handle this power. If we do this, we may gain more seats on GFC.

It boils down to Student Power—at first signs. All we have to show is that we are capable.

Politics not for academics; objectivity is destroyed

Academics have no special place in politics, said a member of the legislature recently.

"Everyone is included in the field of politics," said Edgar Gerhart, MLA. "The academic will not play a more active part than a truck-driver (or representative of any other lay group).

"The only part the academic plays depends on the stability of mind he brings to the job," he said.

Mr. Gerhart was one of three panelists speaking on academics in

politics. Remaining panelists were Dr. Tom Pocklington, associate professor of the political science department and Peter Boothroyd, graduate student in sociology.

One of the dangers involved with having academics in politics is that they may become too emotionally involved, said Mr. Gerhart.

"If he (the academic) becomes too emotionally involved, his research or work will become too colored," he said.

"When I ask an academic to ad-

vise me I want good sound advice."

Boothroyd challenged Mr. Gerhart's search for honest and unbiased research.

"You will never get it," he said, "because there is no such thing."

Boothroyd suggested politicians ask academics to explicate their values and take these into account when using their research.

"When academic research is financed by a government agency and the government is tied up with some organizations, then the research will be slightly biased," said Boothroyd.

"Academics have to try somehow to find independent sources," he said.

Dr. Pocklington, a member of the New Democratic Party and the Edmonton Committee to End the War in Vietnam, refuted certain claims against having academics in politics.

"I have heard it said participation (in politics) destroys the academic's objectivity.

"But no-one has ever shown that those who are active tend to be less objective than their non-active counterparts," he said.

"It's a mistake to think of objectivity as some sort of personal accomplishment," he said.

"In my view, not only is it not true academics shouldn't be involved in politics, but I would claim they have a special duty to be involved.

"Since academics form one of the most privileged groups in our society they should have a responsibility to those less fortunate," said Dr. Pocklington.

Computers soon to handle circulation for libraries

By MARGARET BOLTON

Are you getting tired of filling out those complicated library cards every time you take out a book?

Next year the circulation departments should be computerized. The student taking a book from the Cameron, Rutherford, or education libraries will be able to present his machine-readable badge and the book's IBM card to any one of eight circulation points, without writing anything.

The information will be transmitted to a central teleprocessing punch in the Cameron library where they will be placed on a single card. These will be taken to the university's main computer in the physics-computing science building to be processed.

"This system will be used for all aspects of circulation," said coordinator of systems planning and development N. W. Johnson. "Records of books on loan and those held for borrowers, and overdue fine, and recall notices will be produced by the computer.

MAYBE, MAYBE NOT

"We hope to get this going by the summer, but there are many problems to be overcome and we may not start until September.

"Simon Fraser, UBC, and UCLA are the only other libraries in

North America to use this system," he said.

"In time we hope to mechanize administrative processes. These include acquisition and cataloguing, management information, and accounting systems. It should take at least five years.

"We later will mechanize the information storage and retrieval. This is a difficult area, for no one has yet developed a workable system for as large and complex library as this one."

Seminars offered for students planning wedlock

The students' union never came through with its proposed seminar on birth control, but the Family Service Association of Edmonton is offering the next best thing.

In co-operation with the Edmonton churches, the association will hold a series of six lectures on "Education for Marriage" beginning Feb. 13 in the students' union building.

Designed primarily for students planning to be married in the near future, the lectures will cover the legal, financial, physical, emotional, spiritual and general aspects of marriage.

All students interested in the program should contact Fred Milnes at 424-4161 for registration forms.

DID YOU KNOW

That there are 60 headlines in this issue of the Gateway?



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Speaking on Sports

By STEVE RYBAK

Does she or doesn't she — not too many do

I wonder if she does it?

I don't know, not too many do these days.

I wonder why, there are enough of them around with the proper equipment. There's another over there. I know she did in high school. In fact a lot of them did in high school, but for some unexplainable reason they don't when they hit university.

You know that's been a major trend for the last dozen years or more. Even if they're out working, a lot of them turn their backs on what they considered good, clean fun. It's slowly dying out in Edmonton.

Pity, isn't it. I wonder if it will ever come back. Maybe too much success spoiled it.

Nah, they just are not interested any more. After all, it can do things to one's image if the word gets around. At least that's what they think.

Well it might change some guy's thinking about them, those guys . . . they just don't really count anyhow. If a girl wants to, why not let her, it's her night life that's involved, not anyone else's.

But there is that hard core that just keeps on sticking to it, no matter what happens. And more often than not they are lacking in that one very essential quality, but they sure make up for it in aggressiveness and drive.

I guess you're right there. Just look at the girls on campus that do it and those that don't. Those that don't look as if they could do it without too much trouble. They might have to work at it a bit before becoming proficient, but then nothing comes easy these days.

It takes a lot of time but it has its rewards

It didn't come easy for those in Edmonton and on campus that are doing it. You've just got to give up a lot of your spare evenings and some weekends too. But it does have its rewards.

Sure, you get to travel a bit and get some action in different Canadian centres. But the competition is fierce, despite the lack in numbers.

Come to think of it, it's been slowly dying all across Canada, although there are a few hot spots in the nation. Could be that they just don't get the necessary encouragement.

That's been the major problem that has faced Canadian girls for the last thirty years. Other countries seem to give them some sort of recognition in international competitions. Our girls just have to do the trick on their own.

It could make some sort of a come back on its own merits though. It's only half-heartedly alive and kicking in Edmonton today. If the girls knew they would be getting some sort of recognition, it would help.

Yea, but you still have to overcome . . . (sigh) Oh, jez wasn't that beautiful. Christ, she could really do it if she only wanted to . . . pity. Oh yea, I was saying that you still have to overcome that mental block that most girls have.

It's a bit ridiculous isn't it? You can still hope though.

I'd rather dream about it than hope. Or better still I'd like to see them do it. But what can I do?

Why isn't it as popular as it used to be?

Let's face it. Women's basketball is just not the most attractive sport to women on campus or working girls. Just think of all those beautiful, tall, lithe creatures you know who played basketball in high school and then have dropped it. Why? Maybe you can come up with a few good reasons.

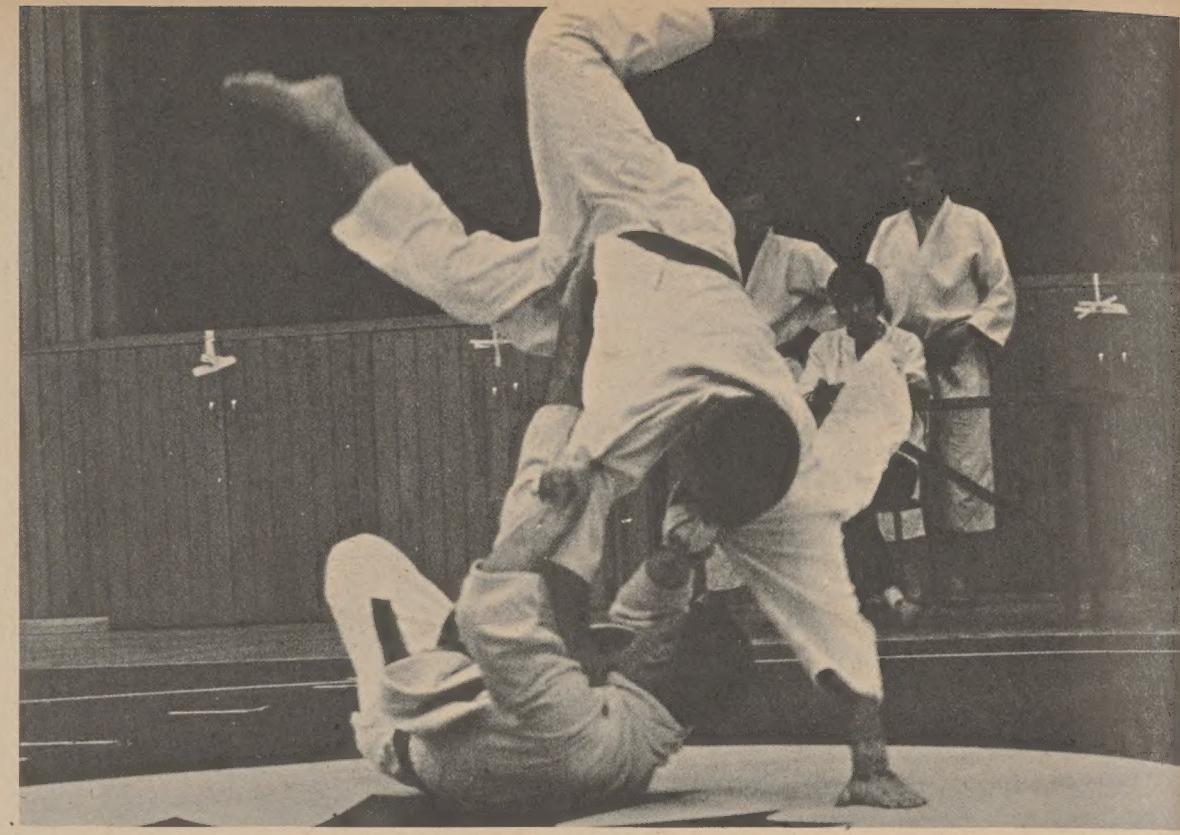
You can test any theories about the value that fan support will give a women's basketball team by dropping over to the main gym this weekend. The Pandas tangle with the U of C squad (Dinauerettes???) in the WCIAA league opener. The league consists of five teams; the U of S, U of M and UBC join the Pandas and the Calgary girls to form the loop.

Each team plays eight games on a doubleheader weekend basis. On Feb. 9 and 10 the Pandas tangle with the U of M girls and then they hit the road for two weekends playing the Huskies and the Thunderettes.

Coach Jean Harvie has managed to scrape together enough girls to form two five-women varsity squads and a junior team. Normally the girls compete in a city league with two other teams.

Women's basketball seems to be dying a slow death in Edmonton. This year the well-known Jasperettes folded and the city scene has been dominated by the Pandas and the junior Cubs.

Gone are the days of the world famous Edmonton Grads and their coach Percy Page. I wonder if they will ever return?



—Glen Cheriton photo

ALLEY OOP—The judo season finally got underway last weekend for WCIAA universities. Coach Ray Kelly took nine "green" boys to Winnipeg to get some competition experience. He wasn't disappointed as his boys took two division titles out of four they entered. The honors for the meet were evenly split between the U of A, U of M and the U of W.

Basketball Bears in Alberta Senior League doubleheader this weekend

This weekend, the Golden Bears basketball team returns to the Alberta Senior League wars.

Tonight, they meet the PWA Chieftains and tomorrow play host to Mount Royal College of Calgary.

Last weekend, while twice defeating the U of C Dinosaurs, the Bears began to show their potential. They expect to win both games.

The Chieftains are a talented crew but have an unimpressive record. Last time the teams met, the Bears won a narrow 68-64 decision. Two ex-Bears, Maury Van Vliet and John Hennessy, are the Chieftains' offensive leaders.

The Mount Royal Cougars have yet to win an Alberta Senior League game. They are led by Bill

Magaroski, Tony Sutcliffe and Dennis Simpson.

Next WCIAA action for the Golden Bears is Feb. 9 and 10 of Saskatchewan Huskies for a when they visit the University of Saskatchewan Huskies for a pair of games.

Last weekend, the UBC Thunderbirds defeated the University of Saskatchewan Huskies twice, 84-40 and 74-59, and moved into a first-place tie with the idle Manitoba Bisons. The Golden Bears jumped over the Calgary Dinosaurs into third place. The Huskies remain in the cellar.

WCIAA STATISTICS

Team	GP	W	L	Pts.
Manitoba	10	9	1	18
UBC	8	7	1	18*
Alberta	8	3	5	6
Calgary	8	2	6	4
Saskatchewan	8	1	7	2

*2 UBC wins over Calgary were 4 point games.

Nuggets shut out Bears 4-0 in city championship game

Experience, or the lack of it, was the major factor in deciding Tuesday's hockey contest between the Golden Bears and Nuggets.

Nugget forwards showed their moxie as they capitalized on what few scoring chances they had to defeat Clare Drake's Bears 4-0. The U of A crew outshot the Nuggets 25-19 but simply lacked the finishing power around the net.

Brian Bennett, Billy Winter, Bill Martin and Jack Braun scored for the winners who led by period scores of 1-0 and 3-0.

It was a hard hitting affair witnessed by a good weekday crowd of some 1,500 partisan Bear supporters.

Bear defenceman Jim Seutter played an outstanding game as he

repeatedly rocked the Nugget forwards with solid checks.

Short-handed through injuries, Drake brought up Junior Bearcats Jim Wilson, Bill Suter, Barry Robinson and Don Falkenburg for the contest.

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Fur flew

Bearcats run streak to 21; dump NAIT Ookpiks 5-1

By BOB ANDERSON

When Bearcats tangle with Ookpiks, fur is bound to fly.

One of Mother Nature's basic premises was upheld Monday night at Varsity Arena, as the University of Alberta Bearcats defeated NAIT Ookpiks 5-1 in exhibition play.

The Ookpiks, who bombed their opponents from the University of Lethbridge 26-6 in a two game series at the weekend, were certainly no match for the smooth-skating, fast charging Bearcats, fresh from a successful road trip in Calgary at the weekend. The Bearcats were throwing their weight around with reckless abandon, an ingredient in their style of play which had been noticeably lacking up until the weekend. Bill Suter and Greg Jeglum were particularly effective in this department.

FLYING FUR

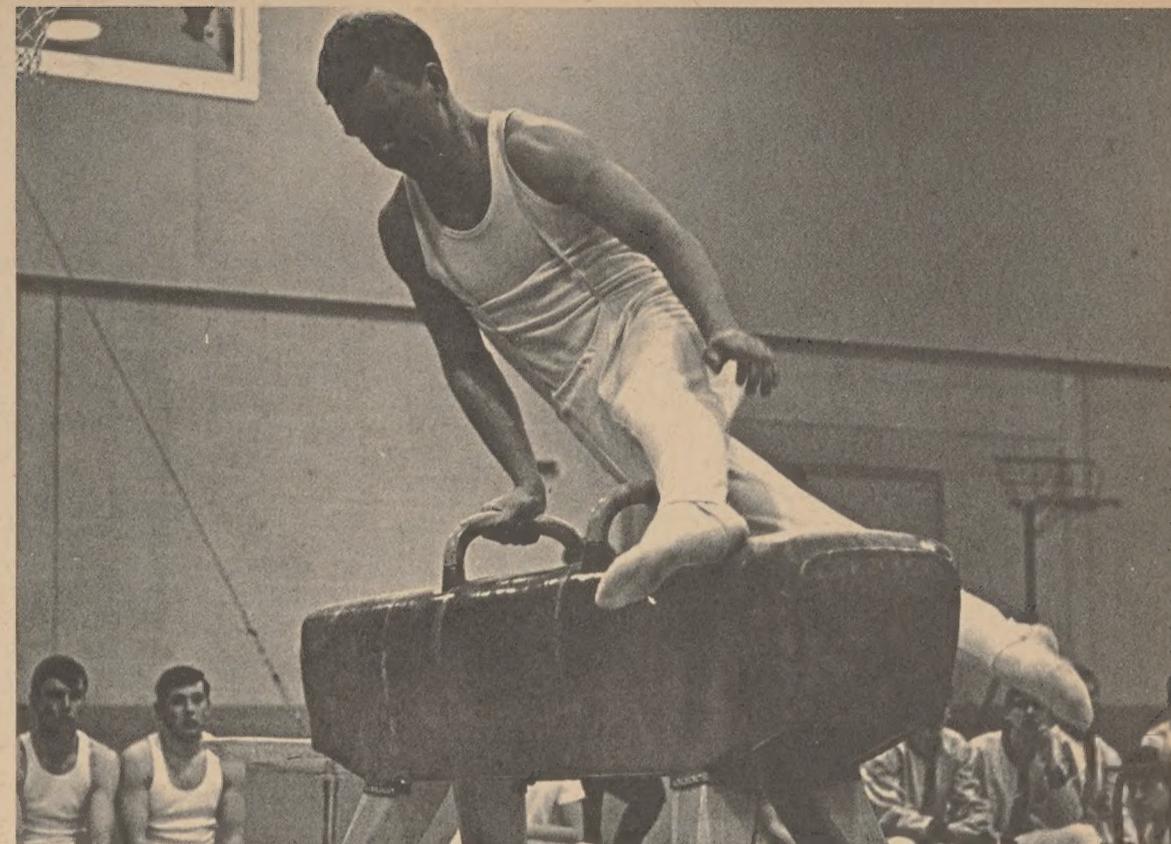
The "flying fur" came in the form of goals by Harvey Poon, Don Tallas, Jim Wilson, Bob Boswell and Nick Heemskerk for the Bearcats with Rick Georges replying for NAIT.

Poon's goal midway through the second period unnerved the Ookpik goalie. Thereafter the Bearcats poured it on, and opened up a 3-0 lead after 40 minutes. The victory avenged a 3-2 loss to the same Ookpiks in October, and was the 21st game in a row without a defeat for the high-flying juniors. Their record for the year is now a fantastic 17 wins, one loss and four ties. This includes 15 regular Juvenile "A" games, 4 with Calgary and 3 with Ookpiks.

Heemskerk's goal, coupled with his four in Calgary, gives him 18 for the season, and ties him for the lead in that department with Harv Poon.

BEARCATS SCORING

Player	GP	G	A	Pts.
Dennis Stephen	18	13	20	33
Ted Buttrey	19	13	17	30
Harv Poon	17	18	11	29
Nick Heemskerk	18	18	7	25
Jim Wilson	18	10	14	24
Tom Devaney	14	9	12	21
Lorne McLeod	18	7	10	17
John Steinbach	20	2	15	17
Bob Boswell	13	11	4	15
Don Hickey	20	3	9	12



IF THE LONE RANGER CAN DO IT

—Hutchinson photo

... so can I

Girl gymnasts left out in cold, meet cancelled, no competition till final

Ever had that feeling that absolutely nothing is going right?

Lorne Davidson and his gymnastic squads have the feeling and they are slowly getting the grand shaft of the year.

First of all, the national championships (intercollegiate) are moved from Guelph to Halifax. And you only have enough money to go to Guelph. Well you can always go out and sell raffle tickets.

Then last Saturday afternoon Davidson took his junior squad up to the main gym for a meet with the Edmonton YMCA and the University of Calgary Gymnastics Club, only to find that the juniors conveniently forgot to book the gym for the meet. So one stands around cooling his heels until a janitor is found and the equipment set up.

Gymnastics competitions are very scarce in Alberta this time of the year, especially for the girls. The girls had been able to schedule

only one meet before the WCIAA finals at UBC Feb. 9 and 10. That meet was to have taken place this weekend.

Last Friday the U of C gymnastics team phoned and cancelled the meet, it turned out that the U of C has a non-functioning girls gymnastics squad. There goes your only

chance for practice under competitive conditions before the WCIAA championships.

The five-member girls gymnastics squad trots back into the gymnasium room for another week of practice, without knowing how they stack up against others under tournament conditions.

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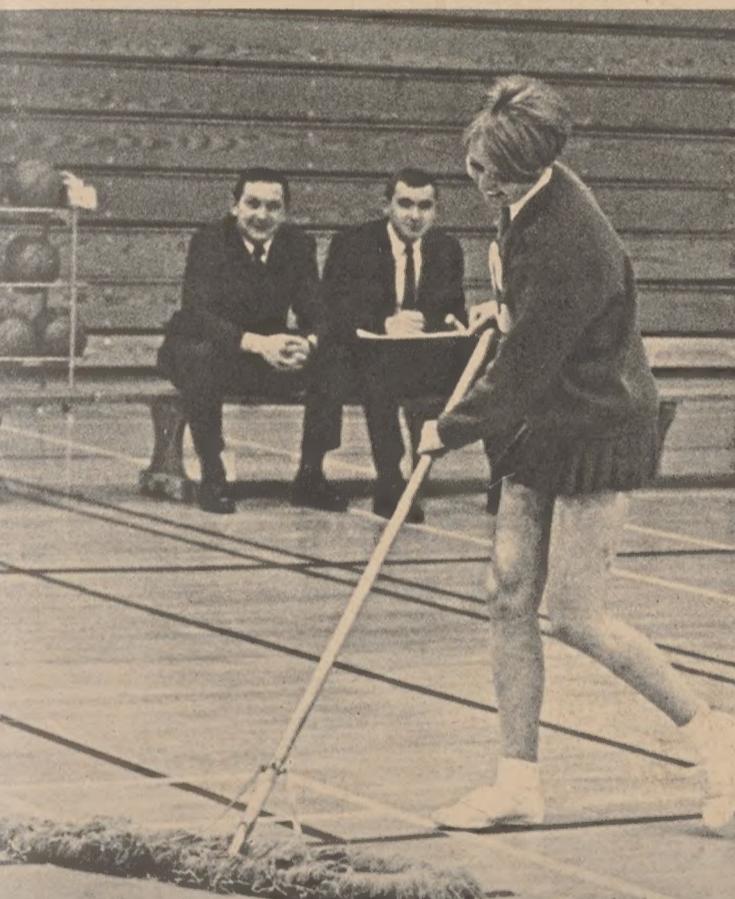
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KEEP IT CLEAN, LADY—
It's a tough act to follow, but there are some people on campus who won't be able to recognize the setting of the picture. The cheerleaders will and so will the 2,000 people who attended last weekend's basketball double-header. But the marching band, sticking very true to form, missed another opportunity to display its wares before a crowd of university students. Yes Virginia, there is a marching band at the U of A. It might be in hibernation though. We haven't seen it for sometime. Has anyone?

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Gateway

Sports

Assorted injuries make dent in Drake's 'Green Machine'

**Wiste, McIntyre, Braunberger
and Reinhart all out of action**

Just when they were starting to roll, coach Clare Drake's Golden Bear hockey club has been hit, and hit hard by the injury bug.

Wayne Wiste, Dave McIntyre, Jerry Braunberger and Ron Reinhart have all been laid low with an assortment of different ailments.

The high-scoring Wiste is out for four weeks with a damaged knee. McIntyre is suffering from a dislocated shoulder, Braunberger from a pulled groin muscle, while Reinhart has a badly bruised shoulder. It is hoped that the latter three will be ready to resume action within the next week.



JERRY BRAUNBERGER
...groin injury

Len Zalapski, victim of a broken ankle in December, is back on skates and should be ready for action by the middle of February.

UBC Thunderbird's twin victories over the Saskatchewan Huskies last weekend, coupled with the Bears' sweep of their Calgary series, put Clare Drake's men in excellent position. The Bears are tied with UBC for first place but have two games in hand in the battle for the WCIAA crown.

Drake's "Green Machine" takes to the ice this weekend against the University of Winnipeg Wesmen. Game times will be 8 p.m. Friday and 2 p.m. Saturday.

Next Tuesday the Bears will tangle with the Edmonton Oil Kings here at Varsity Arena in the final game of the city championship series.

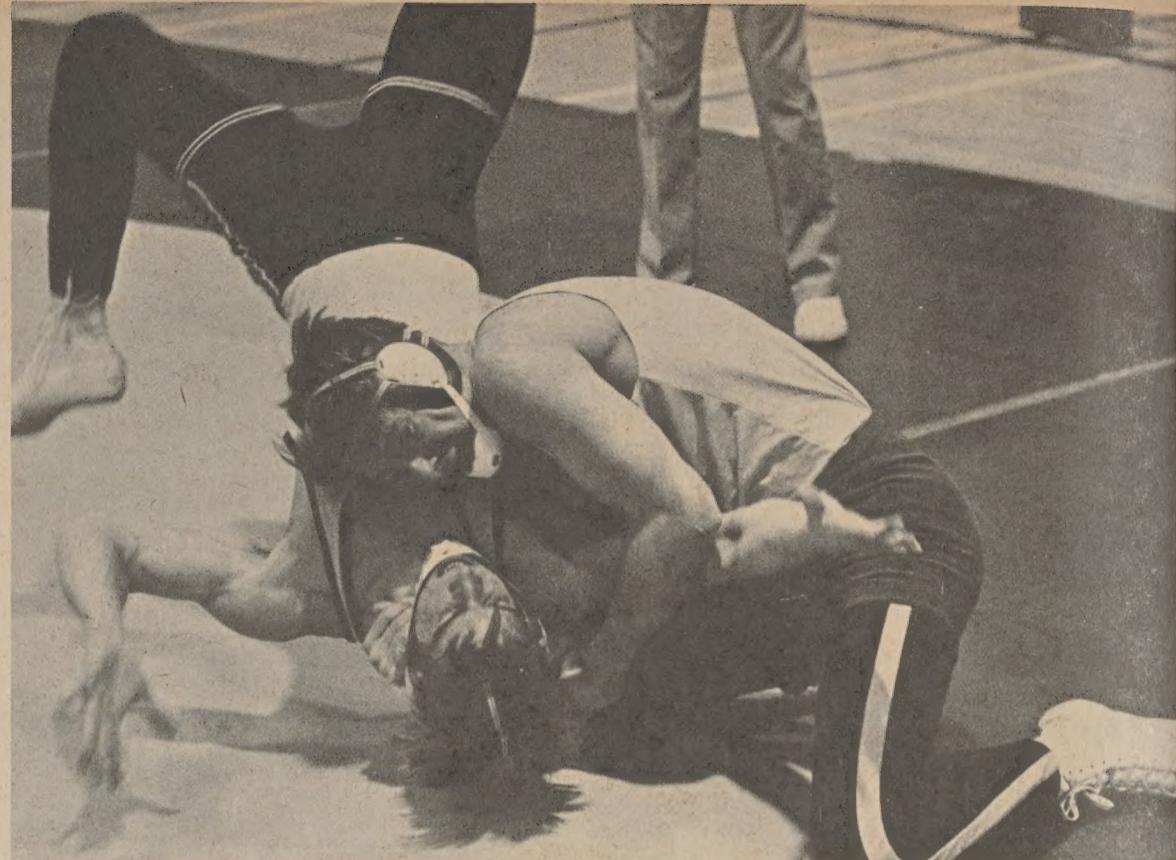
WCIAA STANDINGS

	GP	W	L	Pts.
Alberta	8	6	2	12
UBC	10	6	4	12
Sask.	8	5	3	10
Manitoba	8	3	5	6
Calgary	10	2	8	4

BEAR SCORING

(including exhibitions)

	GP	G	A	Pts.
Sam Belcourt	27	17	21	38
Jack Gibson	25	19	10	29
Ron Cebryk	24	5	21	26
Wayne Wiste	15	9	16	25
J. Braunberger	26	10	12	22
M. Stelmaschuk	24	14	7	21



GOING UP OR COMING DOWN?

...Bear Chris Gould got out of this to beat his opponent 16-11

—Ken Voutier photo

Bear wrestlers grapple with Huskies to earn title of 'best in the west'

The Golden Bear wrestling squad is the best in Alberta.

But it remains to be seen whether it is the best in the West. And to do that the Bears have to knock off the U of S Huskies.

The Bears will get two opportunities to tangle with the Huskies before the WCIAA championships in Calgary Feb. 23 and 24. This weekend the grapplers meet in Huskies territory, Saskatoon, but they fight return matches here Feb. 9 and 10.

The Huskies, coached by Ches Anderson, have two returning gold medalists from last year's intercollegiate championships, held in Ed-

monton during Second Century Week. Clark Bullock, a gold medalist in the 145 lb. class has moved up to the 154 lb. weight division. Bullock has three years of experience behind him.

Gord Garvie, 154 lbs., is the other returning medalist. He has moved up to the 160 lb. class. Garvie and Bullock will be joined by Don Seamen, the 191 lb. Canadian champion. Seamen was ineligible for intercollegiate competition last year.

HEAD TEAM

Bill Jensen, the 138 lb. intercollegiate champion, and Bill Smith, a silver medalist in the 130 lb. division, head the Bear wrestlers. They will be joined by John Marchand, the 181 lb. WCIAA champion.

The two best matches of the meet will have the Bears' Dave Duniec meeting Bullock and Ron Lappage tangling with Seamen. Duniec has lost only two fights in his last 15 while Lappage is the Canadian intercollegiate heavyweight champion.

The Huskies are the only real serious competition for the Bears in the WCIAA. The Bears have defeated the UBC T'Birds once already and demolished Calgary last weekend after being held to a tie by the Dinnies two weeks ago. Manitoba and Regina, who are just starting to enter wrestlers in WCIAA competition, are no threat to either the Huskies or Bears.

CALGARY TOURNEY

As a warm-up for the Saskatchewan meets the Bears took part in a Calgary invitational tourna-

ment last weekend and walked off with all the spoils. They narrowly beat Idaho University 22-20 and then completely overpowered the Dinosaurs 26-5.

The margin of victory over the Idaho squad was provided when Bob Ramsum and Bill Rutledge won their matches by default. John Marchand took a decision over Idaho's Butch Mitchell while Duniec pinned Mike Boeck.

Lappage and Mas Kinoshito dropped decisions to the Americans. Bruce Gainer, a junior varsity grappler who normally fights in the 213.5 lb. class, moved up to the heavyweight division and was pinned.

Jensen and Chris Gould wrestled their way to draws. For Gould it was his first appearance on the varsity squad.

BUM REFS

The Idaho meet was marred by poor officiating. Bill Smith was in the process of pinning his man near the edge of the mat when his shoulder blades momentarily touched the outside of the mat. The referee immediately signalled a pin for Jessie Castillo (Idaho U) despite the mat judge's ruling to the contrary. Bert Taylor, Bear mentor, and the Idaho coach both agreed that it was not a pin and the match has been protested by Taylor.

Against Calgary the Bears won all their matches but one. Jensen, Marchand, Ramsum, Lappage and Gainer pinned Dinosaurs while Duniec and Gould won decisions of 11-0 and 16-11 respectively. Captain Bill Smith did not fight in the Dinosaur matches.

Winnipeg volleyballers win meet

Bears take consolation event at Calgary tourney

15-12 and 15-8. Winnipeg suffered their only loss to the U of A Golden Bears.

Teams from U of A, U of M and UVic all finished elimination play with an 8-3 record. The Golden Bears were dropped from the semi-finals because two of their three

losses had been to the two teams with which they were tied. Their third loss had been to the BYU squad.

The Golden Bears won the consolation final against Edmonton Safeway, 15-9 and 15-12. In their tournament match, the Bears defeated the UBC Thunderbirds, last year's university champions.

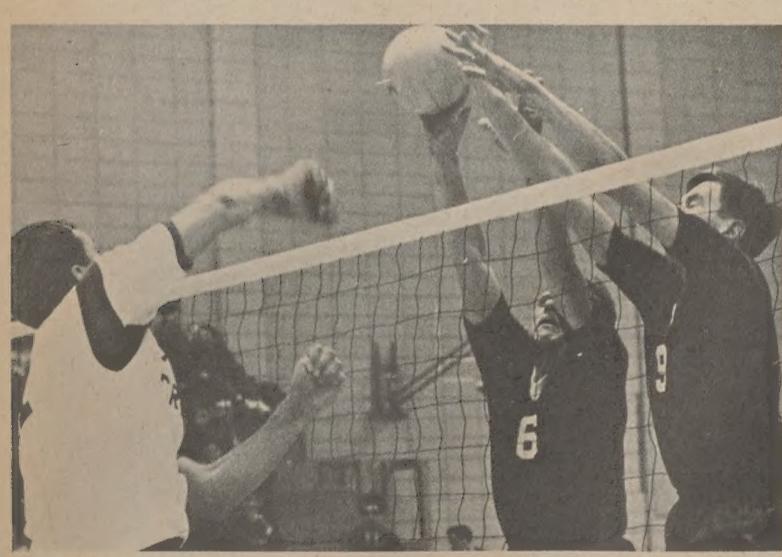
In the semifinals, the Winnipeg IPAC defeated their fellow Winnipeggers from U of M two straight, 15-4 and 15-10. In the other semi-final game, BYU handily put down UVic 15-4 and 15-5.

TEAM TO BEAT

The women's division was won by the Calgary Cals, the team to beat this year. The Cals needed all three games to come up victors over the Winnipeg Group. The Cals lost the first game 15-13, but came back to defeat the Winnipeg team 15-12 and 16-14.

During elimination play, the U of A Pandas won all their games except the two played against the finalists. The Pandas managed to make it to the semi-finals, only to lose once again to the Cals, 15-3 and 15-4.

Both the Bears and the Pandas see action again this weekend in the Edmonton Open Volleyball Tournament. Next weekend the girls travel to Calgary for the provincials.



—Ken Voutier photo

FENCES MAKE GOOD NEIGHBOURS

...but not when you try to spike one down a throat

Varsity Blues tie Russians

The U of T Varsity Blues came back from a 4-3 deficit half way through the third period to tie a Russian squad 5-5 in the final game of the 1968 Winter Universiade hockey tournament.

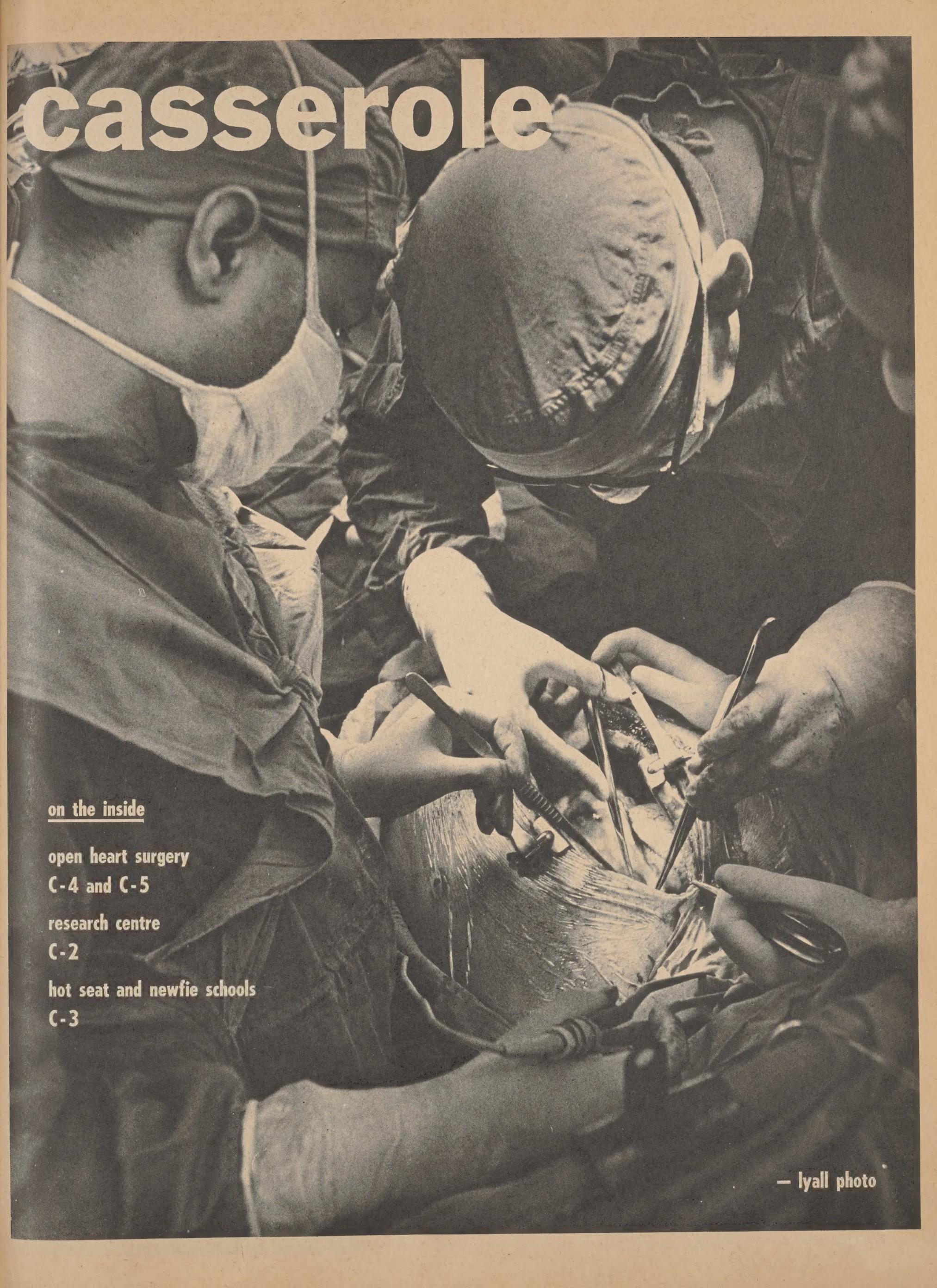
The Blues led 3-1 at the 30 second mark of the second period but gave up three goals in that period.

The Russian squad took the gold

medal for the eighth consecutive year with a 4-0-1 record. The Blues took the bronze medal with a 2-1-2 record. The Blues lost to Czechoslovakia, the silver medalists, in the tourney.

The third place finish gave Canada its one and only point in the student games. Russia was the over-all champion with 39 points.

casserole



on the inside

open heart surgery

C-4 and C-5

research centre

C-2

hot seat and newbie schools

C-3

— lyall photo

Research

Nuclear physics centre scene of constant study

By GLENN CHERITON

Have you ever wondered what is in the building just to the west of the physics-computing sciences building?

Inside this brick and concrete structure is some of the most sophisticated and complex physics equipment on campus. This building houses the nuclear research facilities of the U of A's department of physics.

The main feature of the nuclear research centre is the 5.5 million volt Van de Graff generator and particle accelerator. The building is constructed around the accelerator and the rest of the equipment in the building is used to operate the accelerator, control it, and analyze the reams of data coming out of the machine.

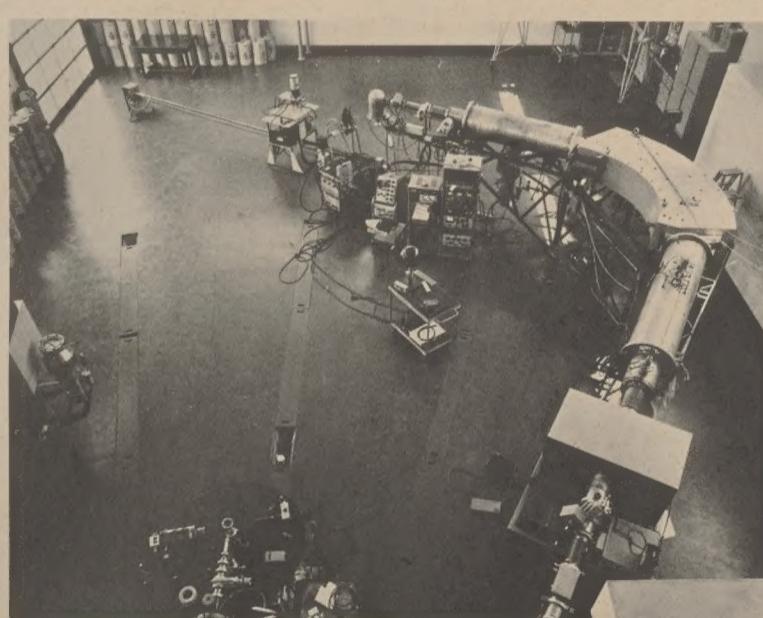
The tall 110-foot high tower houses the generator which charges the particle 'gun' assembly in the tower to several million volts. The charge is produced by a moving, rubberized canvas belt in much the same way as a charge is built up petting a cat.

ACCELERATED DOWN

The high positive charge produced accelerates particles down through an evacuated stainless-steel tube. The particles are nuclei of atoms of certain gases such as hydrogen and helium which have been stripped of their electrons by a high frequency current.

In operation, the particle 'gun' is encased in a tank pressurized with a mixture of nitrogen and carbon dioxide. When the device is being levelled, the entire 17-ton 'gun' assembly may be moved with an ordinary wrench because it rests on three one-inch steel balls.

Below the tower is the magnet room. Here an analyzer magnet bends the particles' path by 90°, at the same time removing unwanted particles. In the same room, the beam is focused and sent through a switching magnet which deflects the beam on to any of seven tubes. In the adjoining room experiments are performed using the particle beam.



THE TARGET AND THE CONTROL—The particles fired by the gun end up at ground level (pictured above) in the target area. Experiments are performed on the beam of particles, with most of the action taking place in the control room (at right). The centre is known for its neutron time of flight and energy measurements, a feature not duplicated anywhere else in the world. All photos are courtesy the U of A Photographic Service.

Although the seven channels are not all in use, there are several experiments set up on different channels. Only one experiment may use the particle beam at a time.

Physicists are not limited to a continuous beam. The particles may be pulsed by sweeping the beam in an ellipse over a hole where the beam originates back in the tower. Not satisfied with this pulse, which lasts for about ten millionths of a second, the physicists compress it to a pulse duration of one millionth of a second. This is accomplished by giving a resonant frequency pulse to the particle pulse, making the pulse travel obliquely. When the beam is bent through 90°, the trailing particles catch up with the lead particles.

ELABORATE PRECAUTIONS

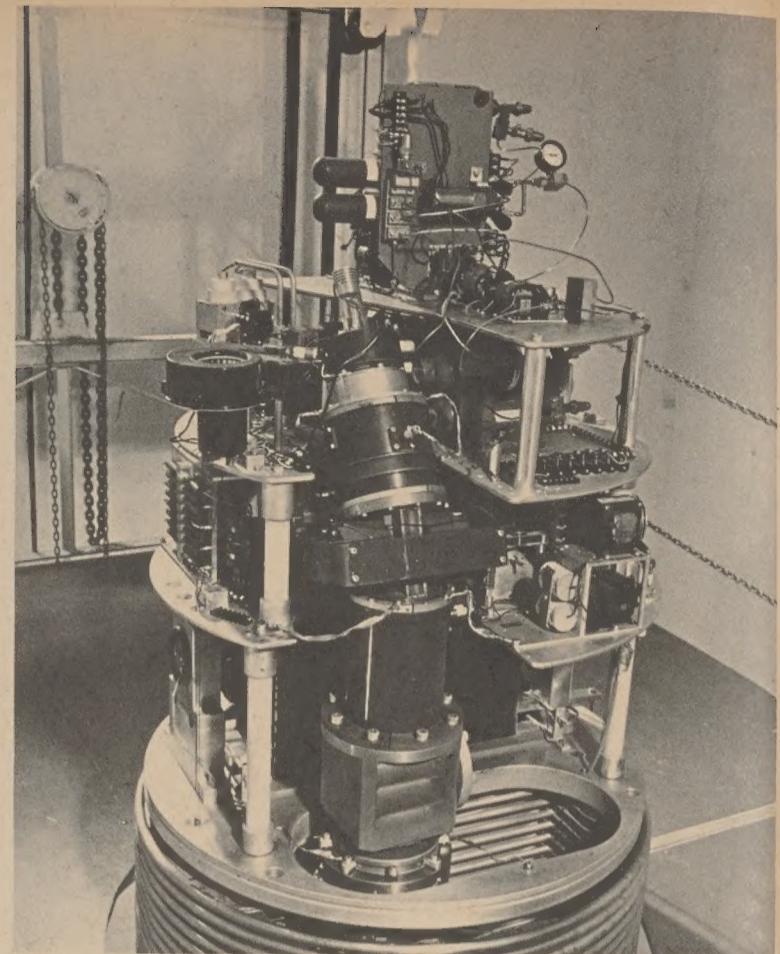
Elaborate safety precautions have been taken to prevent accidents in the research centre. Chief technical officer Jock Elliot says they have not had an accident in the building yet. Massive shielding protects the personnel and prevents escape of dangerous radiation. The walls of the Van de Graff tower are solid concrete, three feet thick.

One of the most dangerous spots in the building is the experiment room. No one is allowed in there while an experiment is in progress. The three entrances are guarded by a variety of devices. One door can only be opened from the inside; another has a gate, which, when opened, sets off a horn which would raise the dead. The last entrance goes past the console where the experiment is controlled.

Other safety features include flashing red lights, a horn connected to a 'panic button' in the control room, and a speaker used, according to Mr. Elliot, to tell an offender "to get his lead ass out of there."

AWFUL STUPID

Asked if it was possible for the radiation to kill a person in the target area, he said, "It would have



THE VAN DE GRAFF 'GUN'

... that 'fires' the particles down the tube

to be a massive dose and an awful stupid person."

Radiation levels in all rooms are monitored from the central control room. The entire experiment is handled from the main console. A computer is connected to the controls of the accelerator to make split-second (reaction time one ten-thousandth of a second) adjustments in the apparatus. The computer also does preliminary analysis of the data while the experiment is running. The final computations are done by the computing science facilities in the physics building.

Most of the impressive equipment is in the control room. One of the newer pieces of equipment is a graphical display device (a television tube) connected to the computer showing the results of the experiment. The graphs may be expanded, rotated or a section selected for study.

AN ACCESSORY

One of the accessories of the TV tube is a light gun which asks the computer for information about a point on the screen at which it is aimed and fired. I asked Dr. W. J. McDonald how it worked.

He explained that the light from a point traced on the screen is fed back into the computer through a flexible cable connecting the light gun and the computer. (No, light does not travel in straight lines.) Since the computer graphs

each point separately and intermittently over a 1/30 of a second interval, all it needs to do is produce the information on the point it is graphing at the moment it is told to by receiving its own light pulse.

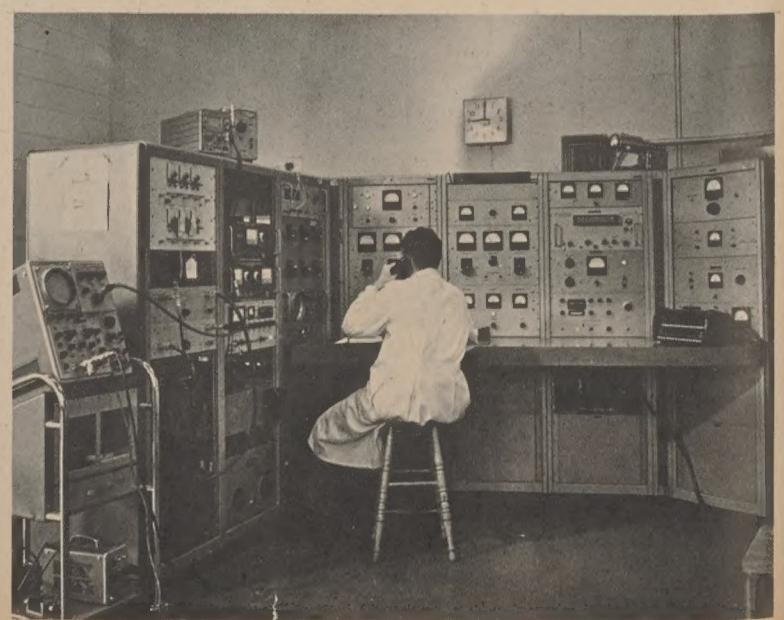
In the field of nuclear physics the centre is known for something other than TV tubes—neutron time of flight and energy measurements. Dr. Neilson, director of the centre, said this research was "the feature (of the centre) not duplicated anywhere else in the world."

NEUTRONS TIMED

The neutrons are timed over a six meter distance. Typical times are about 300 billionths of a second, or a velocity of 7% of the speed of light.

Constructed in 1964, the nuclear research centre has grown in stages to its present size. Now, there are six full-time professors, six technicians, five post-doctorate fellows and fifteen graduate students working in the building.

"Most of the centre's budget of \$200,000-\$300,000 comes from federal sources," said Dr. Neilson. There are no plans for expansion on this campus but he reported plans for a 500 million electron volt proton cyclotron to be built in Vancouver. This will be far more powerful than the accelerator at the U of A.



casserole

a supplement section
of the gateway

editor
ronald yakimchuk
features editor
lydia dotto
associate editor
richard vivone
photo editor
chuck lyall
arts editor
terry donnelly

Casserole this week takes two looks into our campus, one in the cardiovascular surgery unit at the University Hospital and the other in the nuclear research centre of the physics department.

Our thanks to the personnel at the hospital for their kind co-operation in aiding us with our feature story.

On page three we look at student salaries in Newfoundland. This is something many people would like to see, but as the story shows, money isn't everything.

Council on the hot seat is analysed on page three. This could become a very important item on our campus, but it does have its limitations.

On page six we preview the Jubilaires' production for VGW this year. The show is entitled "Finian's Rainbow".

The issues were there**but the students weren't**

The hot seat was cool, man, cool

By RON YAKIMCHUK

Last week students' council put itself on the hot seat and very few came along to make things even warm for them. The small audience of no more than 50 sat silently as SUB hangabouts raised some smoke from the hot seat panel of 11.

Although the turnout was somewhat disappointing, it did point out certain very interesting things—ideas which must have been raised before but which do bear repeating.

The session started with a statement by moderator Marilyn Pilkington, declaring the presence of a communication problem between students' council and the student body, and blaming it on the structure. This hot seat, she said, was intended to help eliminate the communication problem. So they started communicating.

FAVORITE TOPIC

Whether council does represent student opinion despite the lack of communication was the favourite topic of the discussion. At the beginning, in an atmosphere of self-criticism, students' union treasurer Phil Ponting said, "The organization as it now stands does not reflect the thinking of the students." And all the panel patted their collective backs for being so big about accepting a fair share of the blame.

But the bubble burst as soon as the criticism came from the floor. Drama professor Barry Reckord asked council why they were not working for full student control of the university. President Al Anderson gave three of his seven reasons:

- students don't have time to run the university,
- students don't know how to run the university (he used the term 'lack of expertise')
- partial representation on the relevant bodies is just as good.

Then Marilyn Pilkington completed the reversal of Ponting's self-criticism. "I suggest students' council in fact does represent student opinion in view of last year's CUS referendum and the defeat of the Student Power candidate in



—Hutchinson photo

THE CROWD WAS SMALL BUT THE ISSUES WERE RELEVANT**... at the students' union's first hot seat panel discussion**

the vice-presidential by-election," she said.

So there you have it: the two major arguments of the afternoon ruled out because they contradict each other.

TWO THINGS EVIDENT

The rest of the discussion, though less dramatic, had to be more meaningful. It showed two things. First, nobody is sure if council is occupying a valuable position in the structure of the university; and second, a student can not be a participant in the student government if he wants to influence society in general.

Provost A. A. Ryan stated the administration needs an elected body representing the students to assist the administration in dealing with the students. But he could not envision students controlling the university.

"To say there is no democratic process in this university is to say there is no democracy in our government which set up the Universities Act. It is an institution set up by the people of the province. Student Power would make

the university an enclave, like Monaco.

"This university was not set up to do what those people would like to see done, perhaps wrongly," he said.

LITTLE CONTROL

But he does believe there is little external control of the university otherwise. "The power of the university, aside from the power of getting money, is entirely in the hands of the students and faculty," he said.

On the other hand, the control of money by outside sources is very important to a university which is expanding as rapidly as we are and could be just as effective as policy control.

The element of reform in society, however, has no place whatsoever in the thinking prevalent in today's students' union. Students on this campus are consistent in electing executives unwilling to involve the union in anything not directly concerning the student, or anything which would create friction with persons holding permanent positions in the administration.

This means socially-conscious students must seek other outlets for action, which will usually be on a very informal basis. Students may vent their academic grievances through the Academic Grievances Committee, but one graduate engineer claims his class had three incompetent professors removed just by going to the dean.

Reform in secondary education will not be aided by students' council. Instead Faculty of Education students will have to instigate their own actions and work on an informal basis with any authorities who may be of help. There is talk now of this happening. It seems some students, who may eventually find it advantageous to work outside the students' union, are attempting to set up a school for local high school dropouts.

NO ACTION

This sort of action rejects the theoretical discussions of student government which Friday's "hot seat" called for. Both the new Student Power group and the old Establishment find that they can

substitute talk for action, whereas the majority of people on campus want action or nothing.

That could explain why people stay away from shows like the "hot seat". They just do not see any action in it.

But the attempts by students to be heard in the university power structure must continue. Not by regarding the administration as adversaries for power, as the Student Power voice would have us believe, nor by avoiding any delicate issues, as the current students' union power group acts, but by joining forces with all the scholars we have.

A report to the Committee of Presidents of Universities of Ontario states, "The important thing is to reach an honest understanding of the differing attitudes, and try, together, with mutual respect, to improve the university and its contribution to the society of which it is part. Working alone the students might produce a revolution. Working together the university could effect a renaissance."

Very lofty; but quite sound.

In the land where students receive salaries

Joey Smallwood knows how to run an island — he pays students to go to school

ST. JOHN'S, Nfld. (CUP)—You pays your money and Joey calls the shot; that's the way things are in Newfoundland.

There are two things to remember about Premier Smallwood; he delivered Newfoundland into Confederation in 1949 over the still bleeding bodies of the colonial gentry and he bought the people by bringing money to Newfoundland where once existed a near-feudal barter economy.

The outporters, the fisherfolk who live in some thousands of tiny villages awash along the coast, remember well. And Joey rules with an iron hand.

In April, 1965, Joey gave Memorial University freshmen their tuition fees. Students' Union president Rex Murphy noted only 400 people benefitted—you didn't get fees if you won a scholarship or took education, because education students already got government money for part of their university.

Students didn't shout and cheer for Joey, who insists people shout and cheer.

The next October, Joey didn't ask the administration if he could address a student meeting, he just called one. He announced free tuition for all, but Murphy had done his work. No ecstatic cheering.

So Joey looked around, those who at-

tended recall. A grinning cabinet sat behind him on the platform, watching the amassed students who watched Joey. Joey shot his wad.

"And furthermore," the legend recalls, "I'm giving you all student salaries, starting with fifth year students next fall."

The cabinet's collective jaw dropped, the students cheered, and today third, fourth and fifth year MUN students get paid to go to school—\$50 a month for St. John's residents, and \$100 for everyone else.

Otherwise the past still grips Newfoundland education. There are five separate denominational school systems, operated by the United, Anglican, Catholic and Presbyterian churches and the Salvation Army.

Thus, an outport of 400 souls often has four one-room, all grade schools. Education quality is so uneven that next year MUN begins a foundation program for all but first-class high school students. Foundation year is to give all entering freshmen a common ground to prepare them for university proper, and some students use it as a junior college year to complete their high school without attending university.

At the same time, MUN will split—

the present campus will contain foundation and first year, and a new campus across the parkway will house upper years and graduate work.

Foundation year is certain to be crowded—freshmen enrolment dropped this year and the administration blames salaries. Nobody saves for university, and everyone's waiting until salaries include all students. That's in two years, if the pattern of dropping salaries down a year every fall continues.

And the enrolment drop, not so oddly, must please both Joey and university president Lord Taylor—the university couldn't hold them all anyway. All 5,000 students habitually slosh through the muck surrounding new construction and park next to dump trucks.

Everybody's waiting for the opening of the new dining hall to ease the lunch crunch, and for Taylor's by-now-mythical master plan to materialize.

The plan is expected—Taylor drops hints—to outline the new campus and concretely detail the stages of the foundation program and Memorial's planned growth to 10,000 students in ten years.

According to the Canadian Union of Students, salaries and free fees help make

students politically conscious. It ain't necessarily so; MUN is politically barren.

Not to say politics doesn't exist—last year's model parliament elected a Pitcher Plant Party government, led by the same Rex Murphy, on a quasi-nationalist platform.

This year, a very young New Democratic Party has emerged in and around the university. Part of it is the political ambition of Fraser March, Memorial's students' union president, and member of the NDP provincial council.

Like most islanders, March is a Newfie first and a Canadian second. So is Joey, who accepted the maple leaf flag, but decreed it cannot be officially flown without an accompanying union jack.

March claims Joey will try to bury the island's three Tories next provincial election, and then retire—leaving his Liberals in decapitated disarray. Thus will grow the NDP.

On the other hand, the NDP is supposed to be a socialist party and March, a fourth year political science honors student, is quite ignorant of any socialist class analysis. "The bourgeoisie? They're the workers, aren't they?" he said.

"But I do have political ambitions on the island," he said.



THE INCISION IS MADE (above, right), and the sternum is cut through (above, left). The enlarged aorta is then exposed (below) and the operation is underway.



Open heart surgery at

Six months ago a 26-year-old construction worker from Calgary developed shortness of breath and extreme tiredness. This worsened over the ensuing weeks so that by December he was unable to work. The cardiologists in Edmonton and Calgary diagnosed Marfan's syndrome.

In this disease the aorta (main artery coming off the heart (diagram A), dilates

feature by ron yakimchuk

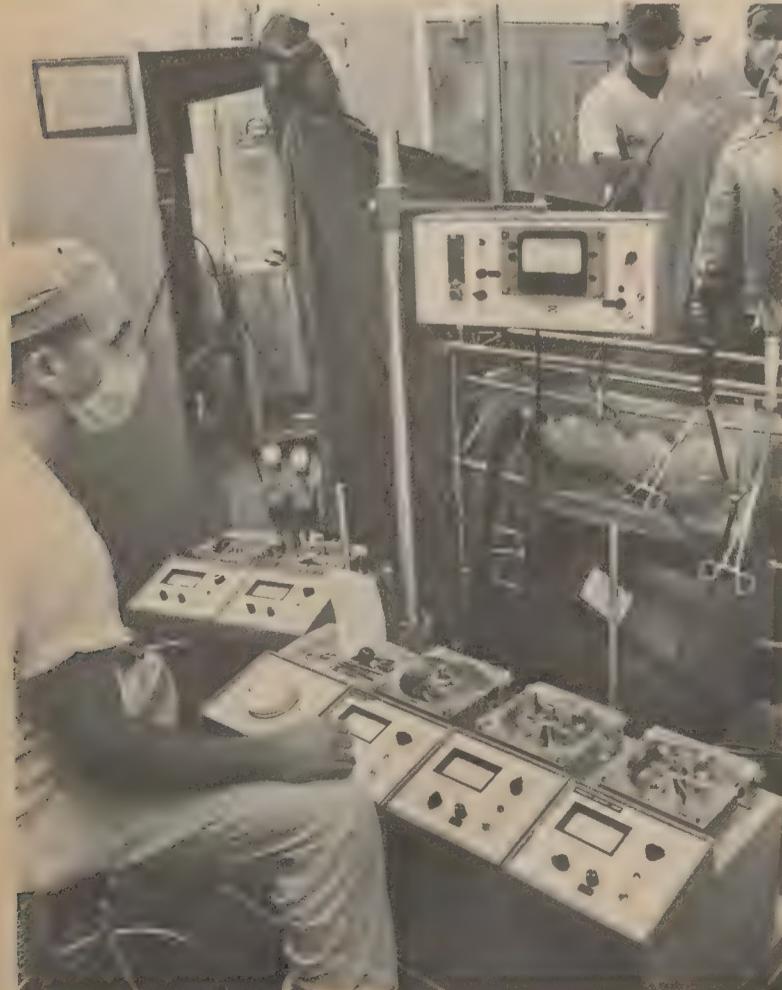
Marfan's syndrome

Diagram A shows the dilated aorta whose walls are thin and dying. The shaded portion was removed and the two ends then brought together.

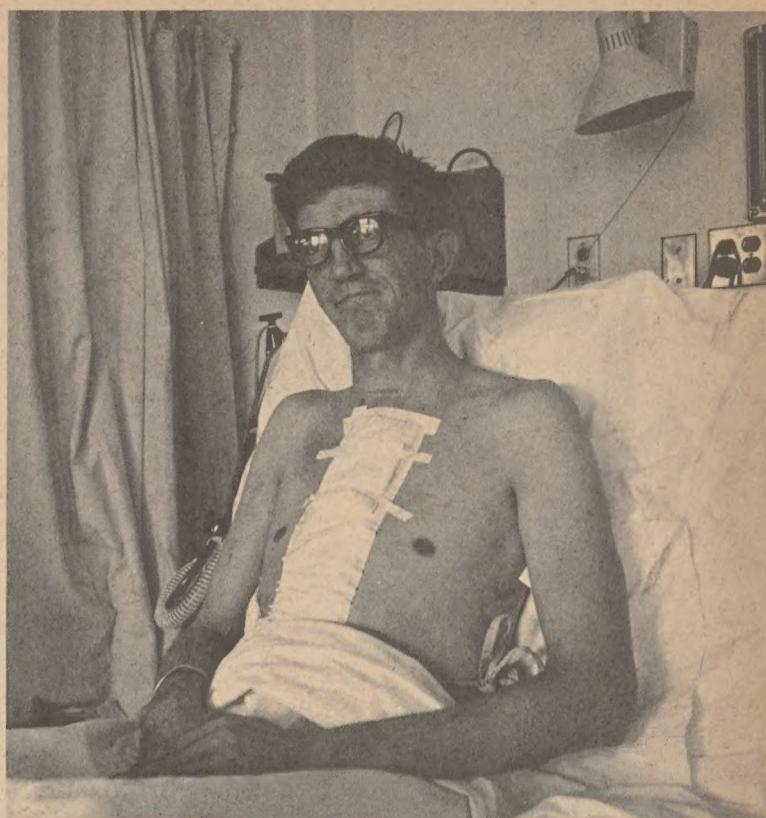
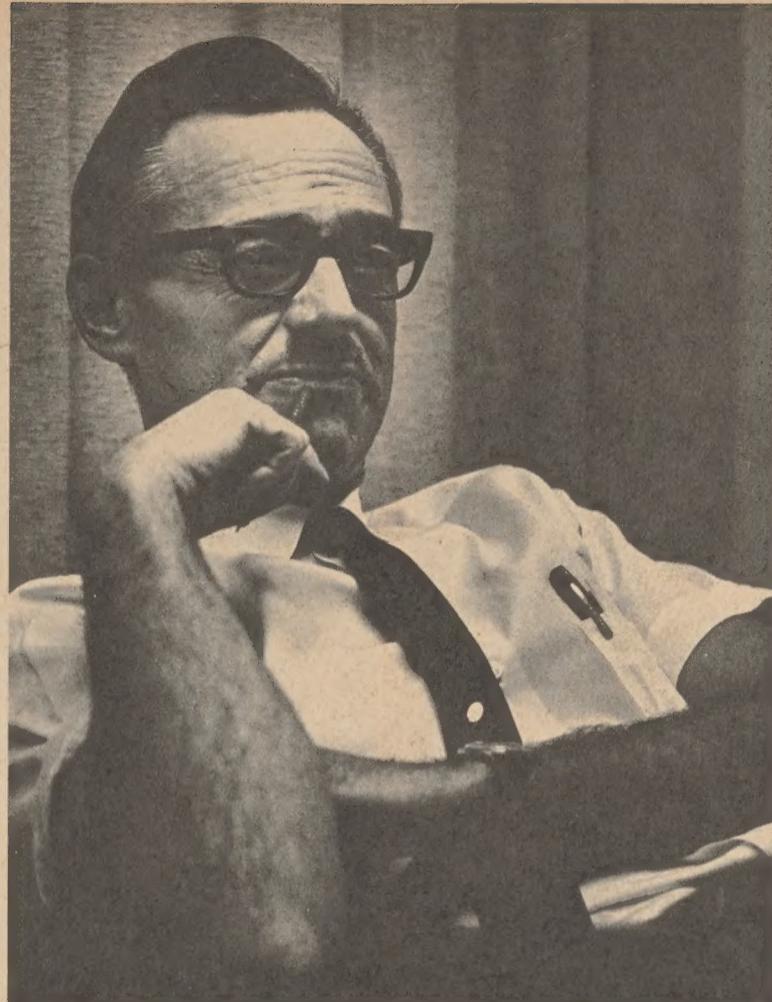
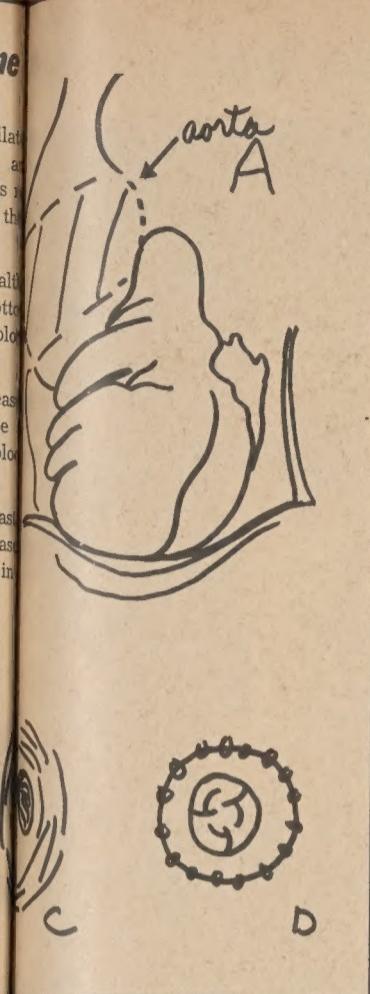
Diagram B shows a healthy aortic valve (located at the base of the aorta where the blood leaves the heart).

Diagram C shows a diseased valve. This valve is incapable of closing completely and the blood flows back into the heart.

Diagram D shows the plastic valve which replaced the diseased one. It consists of a plastic ball in a wire cage.



THE HEART-LUNG MACHINE (left) takes over for the patient's own heart and lungs, and a new valve is inserted at the base of the aorta (above). The next step is the removal of the diseased portion of the aorta, and the rejoining of the aorta sections (right).



THE DOCTOR AND THE PATIENT—Doctor C. M. Couves (above, left) of the U of A Hospital cardiac surgery unit performed the operation. The patient (above) sits up in hospital four days after his operation. The remains of the diseased section of aorta is discarded (below).

University of Alberta

A problem right in the middle of the operation. Dr. Couves was faced with two alternatives—removing the entire aorta and inserting an artificial one, or repairing the old one. He had expected to substitute, but discovered the original to show promise for recovery.

The entire operation is made possible by the heart-lung machine, which permitted the heart to lie still during the operation.

Blood is passed from the heart through the heart-lung where it is cleaned and oxygenated and then returned into an

artery in the right groin. Diverting the blood deflates the heart.

After the work on the heart was completed, Dr. Couves left and had the assisting surgeon close the incision. He inserted a stainless steel strap through both parts of the breast bone and drew it together.

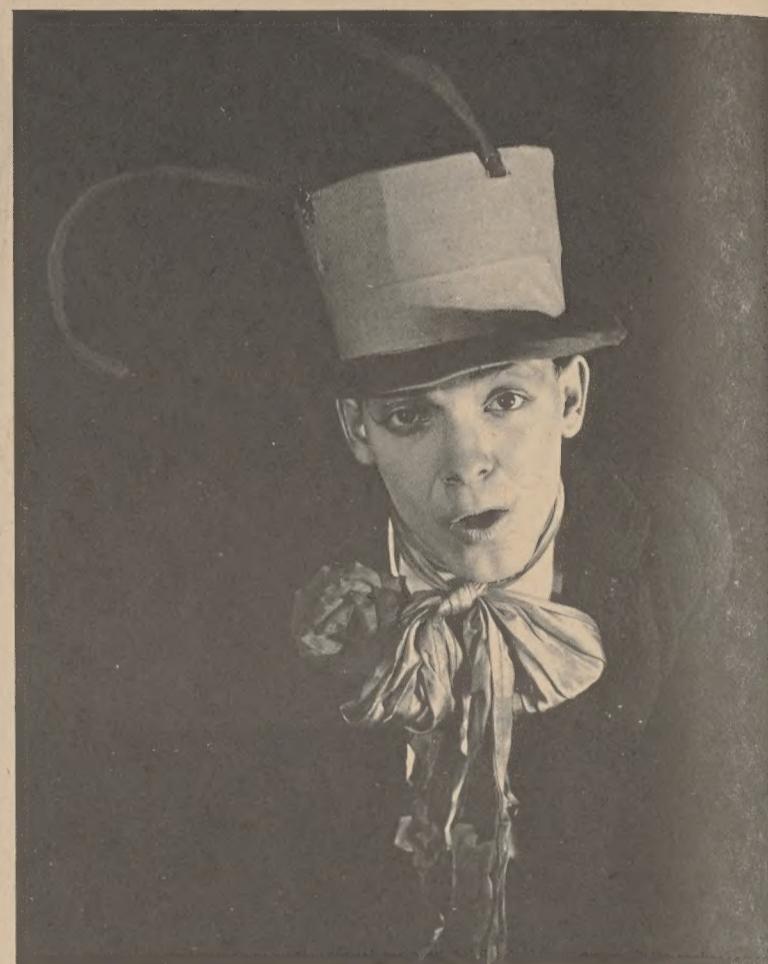
Dr. Couves expected the patient to be walking a week after the operation and to leave for home a couple of weeks later.

photos by lyall and barr

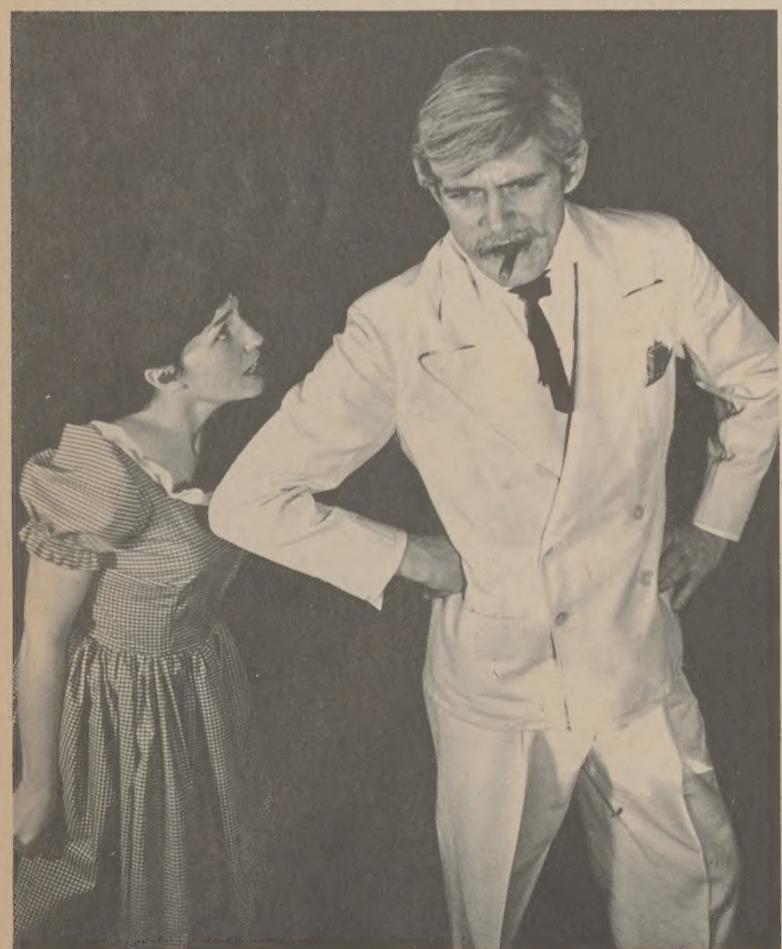


THE OPERATION IS OVER (above) and the patient's sternum is "sewn" or "strapped" together again. The team of surgeons who performed the operation can be seen in the operating theatre (right).

For VGW, the story of an Irishman, his pretty daughter, a leprechaun, and . . .



A pot of gold at the end of Finian's Rainbow



Guest Weekend approaches, and with it the annual Jubilaires' musical spectacular. The show is Finian's Rainbow, and is played on February 16, 17 and 18 at the Jubilee Auditorium.

The show deals with the antics of Finian McLonergan, an Irishman seeking his fortune in Rainbow Valley in the state of Missitucky. His daughter Sharon (Susan Brinsmead) carries on a little over-the-fence courtship with Woody (Chuck Newell), a local rustic (upper left).

Finian is aided by a leprechaun with the unlikely name of Og (Don Sorochan), whose ears seem to have grown through his hat (upper right). Meanwhile Sharon has a friendly altercation with Senator Rawkins, played by Brooke Carter (lower left), and Finian (Wes Stefan) clutches the pot of gold found at the end of every rainbow.

Choreography for the show is by Jeremy Leslie-Spinks; Cec Pretty is the musical director. John Madill is the director.

The principals will be backed up by a cast of thousands, and if the performances of past years are any indication, there will be lots of action on stage.



Derek Nash photos

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films

The Comedians, at the Paramount, is produced and directed by Peter Glenville. The screenplay was written by Graham Greene from his novel.

The cynical title analogizes the complicated story which is occasionally masked by aborted screenplay and lax direction; but it has sufficient strength to make the film a qualified success.

The setting is Haiti just after the Duvalier takeover. Three figures—Smith, Jones and Brown—arrive on the transmuted island and are submerged in the violence of the dictatorship, the bloodshed of counter-revolution, and the poverty of the country. Their anonymous masks are torn away to reveal the human beings behind them—Smith, a naive idealist; Jones, the great pretender; and Brown, the cynic—a motley crew for a comedy.

Burton plays Brown, a trifling, jealous anti-hero who is trapped in Haiti because of a hotel left to him by his mother which he is unable to sell, and by a married woman whom he loves (Elizabeth, naturally).

Miss Taylor is tolerable when she remembers her accent. (She is of German descent; her father was executed at Nuremberg for war crimes.) She is married to a Latin American ambassador, ably portrayed by Peter Ustinov.

The Burtons run away with the first part of the movie, and while their love-making has remarkable professional quality, the excessive quantity is detrimental to the movie. (They give one the guilty feeling of imposing on their personal intimacies.) This does however serve to expose Brown's weakness of character. He opposes even her husband's advances toward her, and crudely demands to know the history of her sex life.

Paul Ford (once part of McHale's Navy) gives a strong performance as Smith, the ingenuous American who has a half million dollar allocation to promote vegetarian products in a country of starving beggars.

His innocence is exemplified by his incongruous support of principles in a country where the law is enforced by a group of toughs who would give Robert Stack second thoughts.

Smith's wife, unconscious of the danger, intervenes between Brown and the police. They are about to reduce him to a bloody pulp in his own hotel lobby when she storms down the stairs lashing out in Fringlish and demanding that they produce a search warrant.

Major Jones (Alec Guinness) is a loquacious tergiversator. He hides behind a delicate camouflage of tales of his heroism in Burma which leave Brown unimpressed.

He suffers the usual setbacks of the gun-running profession and is hunted down by the Tonton when they discover his attempted extortion.

The movie picks up once it is over the passion and into the drama of the story. The rebels require a military leader, and Jones appears to have the qualifications. They trick him with his boasting into assuming command.

The police attempt to bribe Brown into delivering up the fugitive and offer him \$2,000. "Inflation is everywhere," he comments. "It used to be thirty pieces of silver."

Brown is faced with the choice of playing Judas or repenting. He chooses to be a good shepherd and deliver Jones to safety, despite Jones' annoying advances to his lover—they play gin-rummy together.

At the rendezvous with the rebels Jones confesses to Brown, and reveals the real Jones, who never quite made it to Burma, and who couldn't smell water miles off. They turn out to be much the same people, except that Jones is now trying to make the stories come true.

Brown begins to develop ideals—his fatal flaw.

The movie is long—over two and a half hours—and the production could have been better, but the story is reasonably rewarding if one can survive the low points to get at it.

—Gordon Auck

How I won the war

Novel hasn't film's satiric punch

HOW I WON THE WAR, by Patrick Ryan; Corgi Books, 256 pp. 95c.

Patrick Ryan's Account of the Memoirs of Ernest Goodbody starts as a mirth-filled reflection of Goodbody's rise to the officer corps, and rises to crescendo through North Africa and into Italy to find a morbid grave in Greece. If you find it in yourself to read the book, the first 174 pages will suffice. From there to the end of the book, the humor is sporadic and strained, bearing no similarity whatsoever to the part that precedes it.

I had the opportunity to see the film, and found it to be wielding a rapier of satire, while the book itself is strictly light humor. The film I'll leave in the capable hands of Mr. Auck, and let the better parts of the book speak for themselves.

Goodbody is the victim of circumstance that he cannot, in his simplicity, comprehend. His unfailing faith in his abilities of leadership, comradeship, and superiority in situations lead Goodbody into an unbelievable series of events.

I suppose he sees himself as many people see themselves: unerring, heroic, and unrealistic; in a world of pseudo-fiction. Goodbody really thinks his men respect him. He honestly sees himself as a hero, and no matter what the truth is, or how the facts are aligned, he does not realize what he truly is, a petty character in common occurrences.

Mind you, Goodbody sometimes realizes the severity of his predicaments and this is when the real Goodbody emerges. In the petty situations he magnifies his importance and retreats unknowingly to his secret world, just as children live in a sometimes fantasy world of heroes and villains.

The humor of Goodbody comes from his total naivete which is often under the assault of his men, the Twelfth Platoon of the Fourth Musketeers.

The comedy of circumstance and situations is best shown by the events Goodbody involves himself in:

He captures the Golden Fleece of Jason at officer training maneuvers.

In his first night in the service he acts as an unbiased denture thrower.

He unknowingly discovers an entire system of service profiteers, and fails to recognize it.

He bungles his way into Tunis while it is still being held by the enemy, and has to hide in a makeshift brothel.

He liberates a hospital in Greece which did not need liberating (this is where the breakdown of the book begins).

He is approached by several madams but fails to succumb.

He is made liaison officer between the Arabs and the British, and to facilitate the detection of dysentery, offers twenty francs for

every cigaret tin that is filled with Arab faeces. This results in a major revolution in the town which he holds when thousands of Arabs come with their little cans.

He wins the Battle of the Booze, which was fought between the British, New Zealanders, and the Americans over possession of a vineyard.

He captures forty prisoners in Italy, only to be impounded himself when he is mistaken for the enemy.

He commands two hundred foot-sailors of the Italian Liberation forces, whose incompetence speaks for itself.

He directs a three and a half hour cricket game on a rocky granite pitch under a blazing Egyptian sun.

And in the last, and bad, section of the book, he buys the last bridge standing over the Rhine with an N.S.F. cheque.

Totally ridiculous? Well, maybe. The structure of the book has some merit as it gives an expository account of some part of the war which comes from a serious source; the memoirs of a general, a historian's viewpoint, and the like. Ryan then attempts to produce an antithesis through his fiction, to create what he would like to consider satire.

The satire is either too superficial to be noticed, or too cerebral to be of any value. This is where the film was better than the book.

Generally, it is light entertainment that never really succeeds in accomplishing what Ryan might have been attempting.

About all the book ends up doing is reassuring us that it was Ernest Goodbody who won the war, not the Yanks like they'd like us to believe. Even in the book Goodbody runs into an American tank commander who states (with his tank barrel down Goodbody's nose), "General Mark Clark's gonna be first into Rome and we gonna see nobody else don't jump into the act. O.K."?

If you really want to see who won the war, go see the film; forget about the book.

—John Makowichuk

Mixed Chorus sings, swings with Bach, Brahms, Britten

The University of Alberta Mixed Chorus continues its 24th Annual Concerts tonight and Saturday in the new Students' Union Theatre.

The 120 voice Chorus will be directed by Mr. James Whittle in an enjoyable selection of serious and light choral music from the sixteenth century to the present.

A special feature of this year's concerts is the Chamber Choir, a small group of selected Chorus members who will perform several pieces throughout the program. The Chorus and the Chamber Choir will combine to sing Orlando Gibbons' anthem, "Hosanna to the Son of David", as the highlight of a group of selections from Renaissance church music.

In addition, the program includes two "Songs of Mourning" by J. C. Bach, and the motet "O Heiland reiss die Himmel auf", by Brahms. Several outstanding modern compositions will be performed, including "Norwegian Girls" by Zoltan Kodaly, "Belle et ressemblante" by Francis Poulenc, and "I Lov'd a Lass" by Benjamin Britten. The program will conclude with a group of popular folk songs of England, Germany and America, as well as Bela Bartok's arrangement of "Four Slovak Folk Songs".

During the past few years, the University of Alberta Mixed Chorus has earned a reputation as one of the more active student organizations on campus, and the present Chorus is eagerly maintaining that tradition. Following the concerts in Edmonton the Chorus will give concerts in Edson and Drayton Valley, on February

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**Arts calendar**

In music, this is the weekend of pianists

It's been a dull January, but things look somewhat better for the month ahead. *Tiny Alice* is at the Citadel tonight and tomorrow, but it's unlikely that there will be seats left; phone 424-2828 to find out. It will be followed in a week's time by *The Owl and the Pussycat*.

And once again it's Symphony Time in our town. Pianist Jose Iturbi is at the Jubilee tomorrow and Sunday (8:30 p.m. and 3:00 p.m. respectively); he'll play Grieg's "Piano concerto in A Minor". Also on the program are Glinka's "Russian and Ludmilla" Overture and Shostakovich's "Symphony No. 5".

Mr. Iturbi will also be guest-conducting the Edmonton Symphony Orchestra for the performances. Tickets at the Bay.

Also in a musical vein, the Department of Music presents several free concerts this weekend. Tonight at 9:00, pianist Lorraine Ambrose will give a recital in Con Hall, featuring the works of Mozart, Schubert, Debussy, Ravel, and Milhaud.

On Sunday, also in Con Hall and also free, there will be a performance by various student artists, including the University Chamber Orchestra, at 8:30. Works by Lalo, Mozart, and Beethoven will be featured.

At Studio Theatre (in Corbett Hall), the Drama Department's production of *Waiting for Godot* starts Tuesday and runs through Saturday.

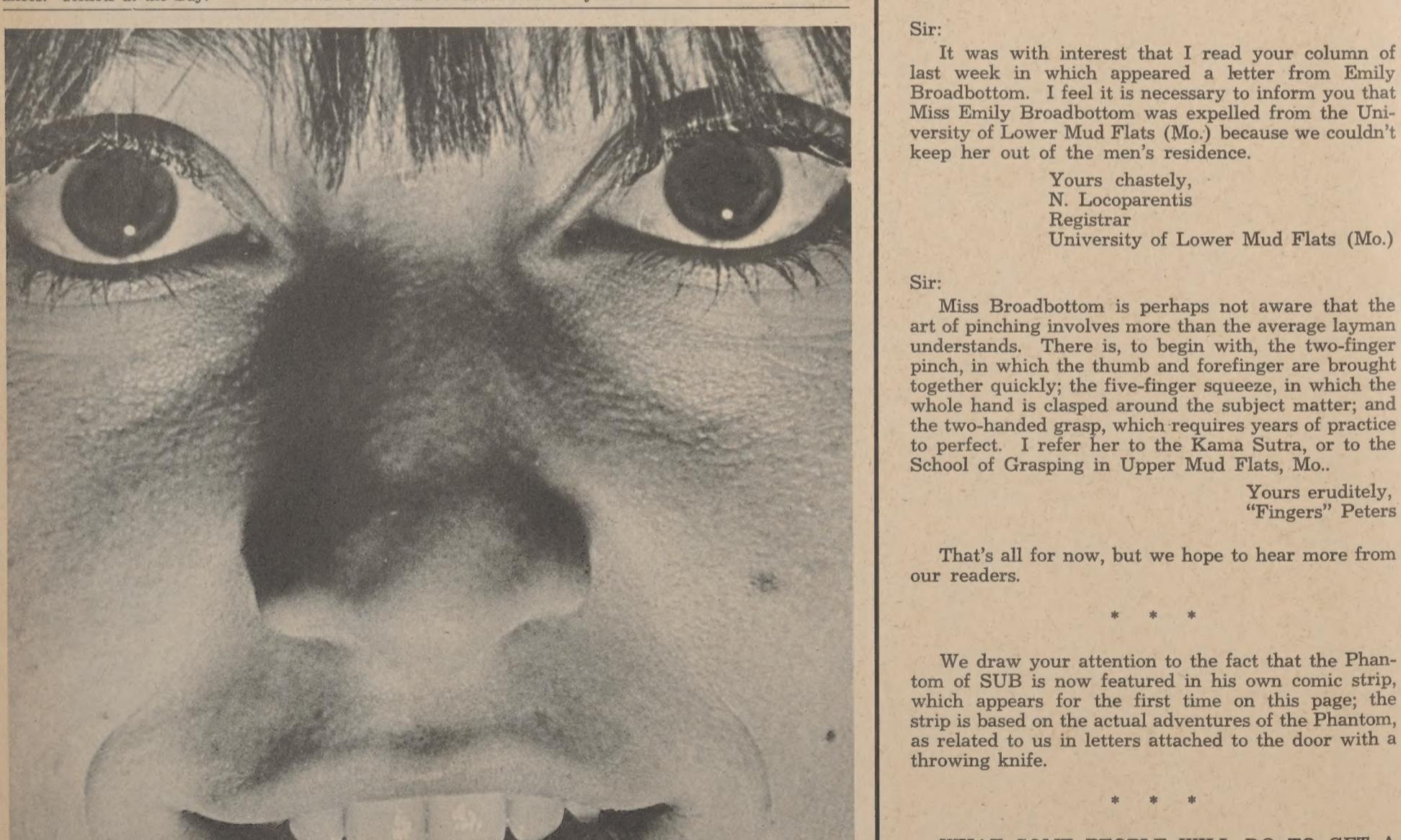
In the more distant future, we can look forward to the Jubilaires' production of the musical comedy *Finian's Rainbow* on Guest Week-

end (two weeks hence), preceded by the mime artist Claude St-Denis on February 14.

I might take the opportunity of suggesting to the Jubilaires that their choice of plays in recent years has left a great deal to be desired. *Finian's Rainbow* is pretty well-worn by now, and has been put on by every Ladies' Auxiliary from Del Bonita to Grimshaw.

The same was true of *Li'l Abner*, their choice two years ago, which was outdated long before it came to the U of A. Last year's production, *Once upon a Mattress*, while not an overly common selection, was simply a bad play to try to work with.

I can't believe that Broadway has been totally devoid of good musical comedies, suitable for amateur production, in recent years.



—Peter Johnston photo
HI, TODAY IS GROUNDHOG DAY
... some people haven't a shadow of a chance

leftovers

Our letter from Emily Broadbottom sparked a flood of correspondence, and we devote our column today to letting our readers speak out.

Sir:

I read your letter from Miss Emily B. with great surprise. I can only suggest that she has been frequenting the wrong places around campus. Why, here in the med building we're always ready to show the girls that we appreciate their posterior development.

The time and place that's best is the med building rotunda at class-changing time, when the halls are so crowded that the hopeful pincher can ply his trade without fear of being seen or apprehended. I suggest that Miss Broadbottom come around some time; she may find (if I may make a little joke) that the rotunda is the best place for those who are rotund.

Yours drooling,
Joshua Quickfingers

Sir:

My experiences have been far different from those of Miss Broadbottom. Why, hardly a day passes that I don't run into some boy on campus who can't keep his hands to himself. Only the other day I was going into the med building for a class when no less than six boys pinched me in the rotunda.

Yours alarmingly,
Martha Middlesize

Sir:

There has been a frightening tendency lately for the Leftovers column to be frivolous. I wish you would discourage this.

Yours gravely,
Mortimer Titian

Sir:

It was with interest that I read your column of last week in which appeared a letter from Emily Broadbottom. I feel it is necessary to inform you that Miss Emily Broadbottom was expelled from the University of Lower Mud Flats (Mo.) because we couldn't keep her out of the men's residence.

Yours chastely,
N. Locoparentis
Registrar
University of Lower Mud Flats (Mo.)

Sir:

Miss Broadbottom is perhaps not aware that the art of pinching involves more than the average layman understands. There is, to begin with, the two-finger pinch, in which the thumb and forefinger are brought together quickly; the five-finger squeeze, in which the whole hand is clasped around the subject matter; and the two-handed grasp, which requires years of practice to perfect. I refer her to the Kama Sutra, or to the School of Grasping in Upper Mud Flats, Mo.

Yours eruditely,
"Fingers" Peters

That's all for now, but we hope to hear more from our readers.

* * *

We draw your attention to the fact that the Phantom of SUB is now featured in his own comic strip, which appears for the first time on this page; the strip is based on the actual adventures of the Phantom, as related to us in letters attached to the door with a throwing knife.

* * *

WHAT SOME PEOPLE WILL DO TO GET A STORY DEPT.—Bouquets this week go out to Chuck Lyall, George Barr, and Ron Yakimchuk, who got up at 6:00 a.m. to get the story and pictures behind the heart operation in this issue, and were in the operating theatre until 1:30 in the afternoon.